FEDERAL POWER COMMISSION

DECEMBER 1974

ELECTRIC POWER STATISTICS

PRODUCTION OF ENERGY AND CAPACITY OF PLANTS

FUEL CONSUMPTION OF ELECTRIC POWER PLANTS

ELECTRIC UTILITY SYSTEM LOADS

SALES OF ELECTRIC ENERGY

FINANCIAL STATISTICS OF PRIVATE UTILITIES

FEDERAL POWER COMMISSION
ELECTRIC POWER STATISTICS

FOREWORD

This report presents monthly summaries of statistics taken from reports filed by electric utilities with the Federal Power Commission on the following subjects:

- Production of electric energy and capacity of the nation's generating stations by types of prime mover.

- Fuel consumption and fuel stocks on hand at utility-owned electric generating plants.

- Electric utility system loads, showing monthly peak loads and energy requirements of major systems. Semiannual figures on capacity and estimates of peak loads.

- Sales of electric energy to ultimate consumers--including residential, commercial, industrial, and other sales, by states and geographic divisions. Includes annual totals for geographic divisions and the continental United States.

- Monthly statements of operating revenues and income of privately owned Classes A and B electric utility companies.

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PRODUCTION OF ELECTRIC ENERGY

ELECTRIC UTILITY
PRODUCTION - CAPACITY

ELECTRIC ENERGY PRODUCTION by electric utilities in the United States totaled 159,309,238,000 kilowatt-hours in December 1974. This is the highest December production total of record, but 10.4 percent less than the record of 177,797,787,000 kilowatt-hours produced during July 1974. The December 1974 production total was 3.9 percent above the 153,283,672,000 kilowatt-hours produced during December 1973 and 6.5 percent above the 149,581,-109,000 kilowatt-hours produced during November 1974.

WATER POWER plants of electric utilities produced 22,-995,274,000 kilowatt-hours in December 1974. This was 12.0 percent below production from this source in December 1973. As a proportion of the December 1974 total, water power output decreased from 17.0 percent last year to 14.4 percent this year. The production by fuel-burning plants in December 1974 of 136,313,964,000 kilowatt-hours was 7.2 percent above that for December 1973. Included in the fuel total is 12,927,390,000 kilowatt-hours produced by nuclear-fueled units.

INSTALLED CAPACITY of generating plants in utility service totaled 476,050,891 kilowatts on December 31, 1974. This is a net increase of 1,477,040 kilowatts during the month. Corresponding 1973 capacity was 439,874,968 kilowatts. Hydro plants accounted for 63,642,774 kilowatts and thermal plants 412,408,117 kilowatts of the 1974 total.

INDUSTRIAL
PRODUCTION - CAPACITY

ELECTRIC ENERGY PRODUCTION by power plants of industrial concerns, including the stationary plants of electric railroads and railways was 8,401,425,000 kilowatt-hours in December. This is a decrease of 3.8 percent from production in December 1973. Industrial generating capacity was 19,373,345 kilowatts on December 31, 1974.

COMBINED UTILITY AND INDUSTRIAL PRODUCTION was 167,710,663,000 kilowatt-hours in December, an increase of 3.5 percent as compared with the figure for December 1973. Utility and industrial generating capacity totaled 495,424,236 kilowatts on December 31, 1974, as compared with 459,251,700 kilowatts at the end of 1973.

YEAR 1974
United States
(Preliminary Data)

ELECTRIC UTILITY PRODUCTION IN 1974 reached a new record of 1,864,846,474,000 kilowatt-hours. Hydro plants generated 300,415,026,000 kilowatt-hours or 16.1 percent of total, and fuel-burning plants 1,564,431,448,000 kilowatt hours or 83.9 percent of total. Included in this latter amount was nuclear plant production of 112,696,312,000 kilowatt-hours, compared with 83,333,638,000 kilowatt-hours in 1973. Total utility production was 0.3 percent above 1973, the previous record. Utility hydro production was up 10.6 percent, but thermal production was down 1.5 percent as compared with 1973 levels.

COMBINED UTILITY AND INDUSTRIAL PRODUCTION of 1,967,288,110,000 kilowatt-hours was 0.1 percent above 1973. Industrial production of 102,441,636,000 kilowatt-hours in 1974 was 3.1 percent below the 105,708,997,000 kilowatt-hours in 1973.

YEAR END UTILITY CAPACITY of 476,050,891 kilowatts reflects a net gain of 36,175,923 kilowatts or 8.2 percent during 1974. Utility and industrial capacity totaled 495,424,236 kilowatts at the year's end.

Table 1

Production of Electric Energy by ELECTRIC UTILITIES
(thousand kwh)

DIVISION AND STATE	BY WATER POWER		BY FUELS		TOTAL	
	DECEMBER 1974	DECEMBER 1973	DECEMBER 1974	DECEMBER 1973	DECEMBER 1974	DECEMBER 1973
NEW ENGLAND						
Maine	131,382	178,959	623,380	559,929	755,262	738,888
New Hampshire	97,374	165,826	377,332	337,580	474,706	503,406
Vermont	82,543	92,483	155,966	233,324	238,509	325,807
Massachusetts	49,207	35,248	2,740,643	2,362,049	2,789,950	2,397,297
Rhode Island	23	253	84,008	78,443	84,031	78,696
Connecticut	44,006	50,933	1,900,793	1,767,906	1,944,799	1,818,839
SUBTOTAL	405,135	523,702	5,882,122	5,339,231	6,287,257	5,862,933
MIDDLE ATLANTIC						
New York	2,472,229	2,478,032	6,793,826	5,902,552	9,266,055	8,380,584
New Jersey	27,111-	31,014-	2,404,066	2,812,944	2,376,955	2,781,930
Pennsylvania	186,815	189,351	9,321,002	8,476,185	9,507,817	8,665,536
SUBTOTAL	2,631,933	2,636,369	18,518,894	17,191,681	21,150,827	19,828,050
EAST NORTH CENTRAL						
Ohio	882	879	8,794,167	8,372,554	8,795,149	8,373,433
Indiana	32,500	43,709	4,761,736	5,105,397	4,794,316	5,149,106
Illinois	11,202	9,370	8,376,792	7,538,923	8,387,994	7,548,293
Michigan	34,626	15,721	5,144,947	4,925,716	5,229,573	4,941,437
Wisconsin	126,315	141,370	2,703,894	2,622,015	2,830,209	2,763,385
SUBTOTAL	205,705	211,049	29,781,536	28,564,605	30,037,241	28,775,654
WEST NORTH CENTRAL						
Minnesota	52,077	71,476	2,163,719	1,845,687	2,215,796	1,917,163
Iowa	74,177	86,093	1,344,714	1,197,267	1,418,791	1,283,360
Missouri	140,369	280,766	3,056,948	3,110,473	3,205,017	3,391,239
North Dakota	229,330	215,599	524,892	504,557	754,222	720,146
South Dakota	333,240	341,168	68,027	57,510	401,967	398,678
Nebraska	73,745	94,917	1,015,409	849,373	1,086,154	944,290
Kansas	535	250	1,474,031	1,384,914	1,474,590	1,385,164
SUBTOTAL	903,797	1,090,259	9,647,740	8,949,781	10,556,537	10,040,040
SOUTH ATLANTIC						
Delaware	-	0	534,842	495,943	534,842	495,943
Maryland	237,996	293,191	2,211,140	2,085,100	2,448,236	2,378,291
District of Columbia	101	90	191,499	105,940	191,600	106,030
Virginia	49,166	112,103	2,843,876	2,748,111	2,892,072	2,860,214
West Virginia	52,618	50,795	5,062,457	5,178,776	5,095,073	5,229,571
North Carolina	436,565	592,717	4,260,372	4,422,493	4,693,907	5,015,210
South Carolina	254,763	238,475	2,665,506	2,307,196	2,900,169	2,545,671
Georgia	276,108	281,502	2,663,313	2,447,213	2,940,121	2,728,715
Florida	299,417	24,354	5,758,242	5,888,438	5,782,659	5,912,792
SUBTOTAL	1,607,652	1,593,227	26,191,247	25,679,210	27,478,679	27,272,437
EAST SOUTH CENTRAL						
Kentucky	307,760	342,128	4,187,854	3,962,469	4,495,652	4,304,597
Tennessee	943,035	1,176,791	2,698,751	3,939,499	3,642,086	5,116,290
Alabama	933,298	1,090,045	4,373,378	3,967,619	5,306,636	5,057,664
Mississippi	0	0	925,705	804,685	925,705	804,685
SUBTOTAL	2,184,091	2,608,964	12,185,688	12,674,272	14,370,079	15,283,236
WEST SOUTH CENTRAL						
Arkansas	479,112	376,494	706,588	651,155	1,185,700	1,027,649
Louisiana	0	0	3,145,964	3,293,484	3,145,964	3,293,484
Oklahoma	403,194	503,573	2,506,735	2,245,058	2,909,829	2,753,631
Texas	156,193	164,054	10,973,849	9,733,448	11,130,702	9,897,502
SUBTOTAL	1,038,499	1,044,121	17,333,136	15,923,145	18,372,195	16,972,266
MOUNTAIN						
Montana	779,529	631,230	141,862	144,416	920,391	775,646
Idaho	812,938	850,368	2,324	4	815,260	850,372
Wyoming	73,456	63,310	1,031,313	829,771	1,104,769	893,081
Colorado	105,165	126,546	1,303,881	1,159,112	1,409,047	1,285,658
New Mexico	55-	30-	2,030,793	1,924,709	2,030,758	1,924,679
Arizona	389,790	325,132	1,188,852	655,465	1,588,642	980,597
Utah	82,365	86,302	432,306	181,158	514,671	267,460
Nevada	81,749	109,841	1,098,519	865,375	1,160,268	975,216
SUBTOTAL	2,313,756	2,192,699	7,229,850	5,760,010	9,543,606	7,952,709
PACIFIC: Contiguous States						
Washington	6,676,314	7,063,361	931,106	781,596	7,607,420	7,844,957
Oregon	2,657,762	2,992,019	8,084	27,661	2,665,946	3,019,680
California	2,597,457	4,132,882	7,990,195	5,707,306	10,587,652	9,840,188
SUBTOTAL	11,931,533	14,188,262	8,929,385	6,516,563	20,861,018	20,704,825
PACIFIC: Noncontiguous States						
Alaska	35,683	25,457	169,458	149,606	205,141	175,063
Hawaii	1,750	1,851	444,908	414,608	446,658	416,459
SUBTOTAL	37,433	27,308	614,366	564,214	651,799	591,522
UNITED STATES TOTAL	22,995,274	26,120,960	136,313,964	127,162,712	159,309,238	153,283,672

Table 2

Production of Electric Energy by INDUSTRIAL ESTABLISHMENTS*
(thousand kwh)

DIVISION AND STATE	BY WATER POWER		BY FUELS		TOTAL		TOTAL UTILITY AND INDUSTRIAL	
	DECEMBER 1974	DECEMBER 1973	DECEMBER 1974	DECEMBER 1973	DECEMBER 1974	DECEMBER 1973	DECEMBER 1974	DECEMBER 1973
NEW ENGLAND								
Maine	[illegible]	[illegible]	158,993	142,744	244,838	240,850	1,000,100	979,738
New Hampshire	15,127	13,695	12,061	11,922	27,188	25,621	501,894	529,027
Vermont	7,095	[illegible]	767	1,294	7,862	7,681	246,371	333,488
Massachusetts	6,187	[illegible]	56,037	59,140	62,224	65,816	2,852,174	2,463,113
Rhode Island	0	0	1,449	2,614	1,449	2,614	85,480	81,310
Connecticut	[illegible]	[illegible]	22,895	33,256	23,104	33,298	1,967,903	1,852,137
SUBTOTAL	114,463	124,911	252,202	250,970	366,665	375,880	6,653,922	6,238,813
MIDDLE ATLANTIC								
New York	[illegible]	21,747	194,924	213,032	215,753	234,779	9,481,808	8,615,363
New Jersey	[illegible]	[illegible]	72,067	80,289	72,375	80,575	2,449,330	2,862,505
Pennsylvania	[illegible]	[illegible]	362,551	399,649	362,620	399,718	9,870,437	9,065,254
SUBTOTAL	41,206	24,102	629,542	692,970	650,748	715,072	21,801,575	20,543,122
EAST NORTH CENTRAL								
Ohio	[illegible]	[illegible]	290,531	357,337	290,531	357,337	9,035,680	8,730,770
Indiana	[illegible]	[illegible]	588,705	645,926	588,705	645,926	5,383,021	5,795,032
Illinois	1,427	1,521	147,530	163,588	149,457	165,114	8,537,451	7,713,407
Michigan	13,919	13,659	337,563	407,789	351,098	420,857	5,580,671	5,362,294
Wisconsin	27,811	27,243	144,151	157,067	171,962	186,010	3,002,171	2,949,395
SUBTOTAL	43,253	43,853	1,508,500	1,731,707	1,551,753	1,775,244	31,588,994	30,550,898
WEST NORTH CENTRAL								
Minnesota	16,390	17,067	244,030	240,923	260,420	258,730	2,476,216	2,175,893
Iowa	77	77	44,861	48,565	44,938	48,642	1,463,729	1,332,002
Missouri	[illegible]	[illegible]	39,145	36,829	39,145	36,829	3,244,162	3,428,068
North Dakota	[illegible]	[illegible]	8,430	8,802	8,430	8,802	762,652	728,948
South Dakota	2,753	3,222	0	0	2,753	3,222	404,720	401,900
Nebraska	12	12	2.1	3,031	294	3,044	1,086,448	947,334
Kansas	[illegible]	[illegible]	9,810	14,343	9,810	14,343	1,484,400	1,399,507
SUBTOTAL	19,282	21,118	346,597	352,493	365,790	373,612	10,922,327	10,413,652
SOUTH ATLANTIC								
Delaware	[illegible]	[illegible]	1,416	14,152	18,416	14,152	553,258	510,095
Maryland	[illegible]	[illegible]	72,093	114,533	72,093	114,533	2,520,329	2,492,824
District of Columbia	[illegible]	[illegible]	2,335	181	2,035	881	193,635	106,911
Virginia	2,788	3,212	131,756	184,610	134,784	187,892	3,026,856	3,048,106
West Virginia	57,175	71,229	167,782	190,274	235,965	260,573	5,331,038	5,490,144
North Carolina	442	214	104,624	106,951	104,866	107,163	4,798,773	5,122,373
South Carolina	[illegible]	[illegible]	133,113	147,356	135,718	151,403	3,035,887	2,697,074
Georgia	[illegible]	[illegible]	196,394	219,667	200,546	224,047	3,140,667	2,952,762
Florida	[illegible]	[illegible]	202,774	201,327	202,774	201,327	5,985,433	6,114,119
SUBTOTAL	77,460	82,228	1,029,737	1,179,751	1,107,197	1,261,971	28,585,876	28,534,408
EAST SOUTH CENTRAL								
Kentucky	0	0	2,814	4,169	2,814	4,169	4,498,466	4,308,766
Tennessee	[illegible]	[illegible]	106,786	125,125	106,786	125,125	3,748,872	5,241,415
Alabama	43,700	47,279	179,740	189,563	181,640	191,938	5,488,276	5,249,602
Mississippi	0	0	55,093	52,024	55,093	52,024	980,798	856,709
SUBTOTAL	1,760	2,379	344,433	370,581	346,333	373,256	14,716,412	15,656,492
WEST SOUTH CENTRAL								
Arkansas	[illegible]	[illegible]	172,606	179,751	172,606	179,751	1,358,306	1,207,400
Louisiana	[illegible]	[illegible]	1,064,977	1,086,467	1,064,977	1,086,467	4,210,941	4,379,951
Oklahoma	[illegible]	[illegible]	15,882	14,048	15,882	14,048	2,925,711	2,767,679
Texas	[illegible]	[illegible]	2,074,835	1,851,536	2,074,835	1,851,536	13,205,537	11,749,038
SUBTOTAL	[illegible]	[illegible]	3,328,300	3,131,802	3,328,300	3,131,802	21,700,495	20,104,068
MOUNTAIN								
Montana	[illegible]	[illegible]	725	1,748	725	1,748	921,116	777,394
Idaho	[illegible]	[illegible]	18,930	19,570	18,930	19,570	834,190	869,942
Wyoming	[illegible]	[illegible]	22,005	21,998	22,005	21,998	1,126,574	915,079
Colorado	107	[illegible]	39,746	38,549	39,893	38,656	1,448,940	1,324,314
New Mexico	[illegible]	[illegible]	45,451	49,053	45,451	49,053	2,076,209	1,973,732
Arizona	1,119	911	107,176	114,849	108,292	115,965	1,696,934	1,096,562
Utah	450	254	161,403	159,003	161,653	159,253	676,324	426,713
Nevada	33	33	14,979	19,309	15,012	19,842	1,175,280	995,058
SUBTOTAL	1,906	1,950	410,455	424,079	411,961	426,085	9,955,567	8,378,794
PACIFIC: Contiguous States								
Washington	17,924	18,118	42,702	52,276	60,326	70,395	7,667,746	7,915,352
Oregon	13,081	13,041	23,162	28,272	25,070	31,313	2,691,016	3,050,993
California	[illegible]	[illegible]	133,026	141,601	133,026	141,601	10,720,678	9,981,789
SUBTOTAL	18,912	21,159	198,910	222,149	218,422	243,309	21,079,440	20,948,134
PACIFIC: Noncontiguous States								
Alaska	0	0	23,336	24,641	23,336	24,641	228,477	199,704
Hawaii	6,135	7,212	24,785	24,452	30,920	31,665	477,578	448,124
SUBTOTAL	6,135	7,212	48,121	49,093	54,256	56,306	706,055	647,828
UNITED STATES TOTAL	304,668	328,142	8,096,757	8,406,395	8,401,425	8,732,537	167,710,663	162,016,209

* Extended to represent total industrial production of electric energy from data reported monthly by about 900 generating plants which account for more than 90 percent coverage.

Table 3

TOTAL PRODUCTION BY ELECTRIC UTILITIES
(thousand kwh)

MONTH	TWELVE MONTHS ENDING			MONTHLY		
	1974	1973	Percent Change 1974/1973	1974	1973	Percent Change 1974/1973
January	1,856,706,197	1,762,067,610	+ 5.4	156,905,652	159,319,738	- 1.5
February	1,855,968,548	1,767,875,516	+ 5.0	142,370,987	143,108,636	- 0.5
March	1,858,147,670	1,775,573,191	+ 4.7	149,932,773	147,753,651	+ 1.5
April	1,860,788,593	1,782,707,945	+ 4.4	141,914,171	139,273,248	+ 1.9
May	1,867,206,166	1,791,984,142	+ 4.2	153,439,065	147,021,492	+ 4.4
June	1,862,271,133	1,807,423,257	+ 3.0	156,027,262	160,962,295	- 3.1
July	1,866,607,553	1,823,039,040	+ 2.4	177,797,787	173,461,367	+ 2.5
August	1,863,285,171	1,837,239,195	+ 1.4	173,699,351	177,021,733	- 1.9
September	1,859,074,762	1,846,175,048	+ 0.7	152,083,571	156,293,980	- 2.7
October	1,857,063,023	1,856,230,639	—	151,785,508	153,797,247	- 1.3
November	1,858,820,908	1,860,186,611	- 0.1	149,581,109	147,823,224	+ 1.2
December	1,864,846,474	1,859,120,283	+ 0.3	159,309,238	153,283,672	+ 3.9

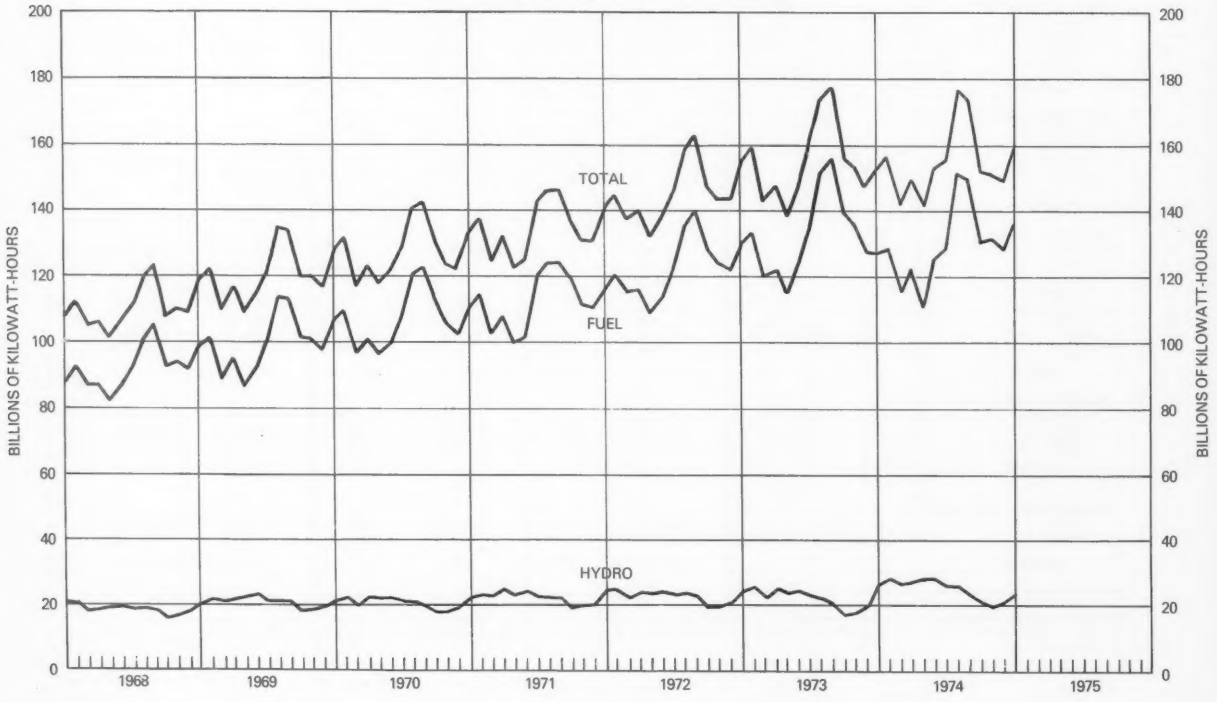
Table 4

TOTAL ELECTRIC UTILITY AND INDUSTRIAL PRODUCTION
(thousand kwh)

MONTH	TWELVE MONTHS ENDING			MONTHLY		
	1974	1973	Percent Change 1974/1973	1974	1973	Percent Change 1974/1973
January	1,962,090,189	1,868,330,816	+ 5.0	165,647,107	168,386,198	- 1.6
February	1,961,065,087	1,874,104,397	+ 4.6	150,477,224	151,502,326	- 0.7
March	1,963,111,262	1,881,639,751	+ 4.3	158,636,209	156,590,034	+ 1.3
April	1,965,706,516	1,888,547,427	+ 4.1	150,385,855	147,790,601	+ 1.8
May	1,971,954,681	1,897,861,735	+ 3.9	162,225,764	155,977,599	+ 4.0
June	1,966,776,107	1,913,388,526	+ 2.8	164,708,064	169,886,638	- 3.0
July	1,970,802,985	1,929,133,270	+ 2.2	186,424,055	182,397,177	+ 2.2
August	1,966,990,633	1,943,319,770	+ 1.2	182,235,235	186,047,587	- 2.0
September	1,962,374,685	1,952,325,500	+ 0.5	160,417,571	165,033,519	- 2.8
October	1,960,297,435	1,962,078,151	- 0.1	160,434,869	162,512,119	- 1.3
November	1,961,593,656	1,966,142,469	- 0.2	157,985,494	156,689,273	+ 0.8
December	1,967,288,110	1,964,829,280	+ 0.1	167,710,663	162,016,209	+ 3.5

Chart 1

MONTHLY PRODUCTION OF ELECTRIC ENERGY BY ELECTRIC UTILITIES



CONSUMPTION OF FUEL FOR PRODUCTION OF ELECTRIC ENERGY

FUEL CONSUMPTION

COAL CONSUMPTION by electric utility power plants was 35,176,179 tons in December 1974. This is an increase of 3.0 percent over the 34,140,508 tons consumed in December 1973. The December 1974 total was 9.2 percent above the 32,210,939 tons consumed in November 1974.

COAL AND ESTIMATED COAL EQUIVALENT of other fuels consumed in December 1974 amounted to approximately 65,971,000 tons, an increase of 11.7 percent over the preceding December, compared with an increase of 7.2 percent in total fuel generation. The indicated December rate for combustion of coal only was 0.968 pounds per kilowatt-hour.

FUEL OIL CONSUMPTION during December 1974 totaled 53,648,159 barrels. This is an increase of 19.6 percent over the 44,849,652 barrels consumed in December 1973. December 1974 oil use was 10.6 percent above that for November 1974.

CONSUMPTION OF GAS during December 1974 amounted to 207,095,107 Mcf. This is a decrease of 4.6 percent from the 216,988,008 Mcf burned in December 1973. December 1974 gas use was 13.3 percent below the 238,908,362 Mcf burned in November 1974.

FUEL STOCKS

COAL STOCKS on hand at electric utility power plants on January 1, 1975 totaled 83,566,290 tons. January 1 stocks were 4.2 percent below the 87,267,559 tons in stock a year earlier, and 11.3 percent below the 94,165,273 tons in stock at the beginning of the previous month.

IN TERMS OF DAYS' SUPPLY which is based on the rate of consumption for the month of December, there were sufficient stocks of coal on hand January 1, 1975 to last 74 days as compared with 88 days a month before and 79 days a year earlier.

FUEL OIL STOCKS on hand as of January 1, 1975 totaled 111,955,018 barrels compared with 116,370,902 barrels a month earlier and 88,661,424 barrels a year earlier. Oil stocks based on December use were sufficient for 65 days' requirements against 72 days a month before and 61 days a year ago.

1974 ANNUAL FUEL USE
United States
(Preliminary Data)

USE OF COAL for electric utility power production amounted to 392,362,854 tons in 1974. This was 0.7 percent above the 389,635,816 tons burned in 1973.

FUEL OIL REQUIREMENTS of 536,173,636 barrels were 4.3 percent below the 560,084,104 barrels burned in 1973.

GAS CONSUMPTION totaled 3,429,110,623 Mcf. This volume was 5.7 percent below the 3,635,-830,503 Mcf burned in 1973.

THE INDICATED 1974 COAL RATE, based on actual coal use and corresponding net generation by coal, was 0.946 pounds per kilowatt-hour compared with 0.918 in 1973. The total amount of coal and estimated coal equivalent of other fuels used for utility generation was approximately 739,881,000 tons in 1974.

Table 5

CONSUMPTION OF FUEL BY ELECTRIC UTILITIES FOR PRODUCTION OF ELECTRIC ENERGY

DIVISION AND STATE	COAL (Short tons) DECEMBER 1974	COAL (Short tons) DECEMBER 1973	OIL (42 Gallon barrels) DECEMBER* 1974	OIL (42 Gallon barrels) DECEMBER 1973	GAS (Thousands of cubic feet) DECEMBER 1974	GAS (Thousands of cubic feet) DECEMBER 1973
NEW ENGLAND						
Maine	0	0	299,700	287,735	0	0
New Hampshire	101,547	117,053	235,580	94,998	29,120	5,430
Vermont	3,003	7,540	3,706	10,319	13,450	19,580
Massachusetts	90,739	12,916	3,293,015	3,249,746	3,026	73,084
Rhode Island	0	0	171,438	177,604	0	0
Connecticut	589	20,424	1,863,190	2,464,332	0	0
SUBTOTAL	195,178	157,933	5,866,629	6,284,734	45,596	98,094
MIDDLE ATLANTIC						
New York	557,712	567,265	7,855,807	6,859,909	88,637	1,754,368
New Jersey	36,440	246,422	3,396,674	3,613,105	57,380	485,995
Pennsylvania	3,081,943	3,363,318	1,815,980	1,424,843	122,807	202,703
SUBTOTAL	3,726,095	4,177,005	13,068,461	11,897,857	268,824	2,443,066
EAST NORTH CENTRAL						
Ohio	4,073,206	3,747,376	817,331	406,941	580,316	981,645
Indiana	2,182,217	2,383,690	336,439	91,451	655,995	665,147
Illinois	2,930,315	2,432,683	1,331,516	1,006,579	1,310,034	2,206,120
Michigan	1,748,482	1,753,187	1,583,055	865,827	2,899,745	3,472,846
Wisconsin	896,141	858,569	125,042	88,537	1,605,472	2,147,992
SUBTOTAL	11,870,361	11,175,505	4,193,383	2,459,335	7,051,562	9,473,750
WEST NORTH CENTRAL						
Minnesota	644,421	612,725	210,138	199,877	252,667	587,179
Iowa	558,365	571,687	126,325	49,375	1,125,942	1,639,559
Missouri	1,425,125	1,399,553	58,806	39,808	1,338,305	3,087,319
North Dakota	467,435	461,231	2,674	525	1,487	16,021
South Dakota	54,587	48,185	22,261	10,431	25,064	18,333
Nebraska	265,272	208,002	154,360	91,675	812,120	1,875,368
Kansas	172,521	118,888	359,526	205,402	10,741,991	12,428,316
SUBTOTAL	3,723,526	3,620,271	934,090	597,093	14,297,576	19,652,095
SOUTH ATLANTIC						
Delaware	58,059	101,517	693,252	421,125	43,754	128,950
Maryland	361,422	360,944	2,351,006	1,966,760	18,059	273,080
District of Columbia	24,191	26,942	310,481	122,373	0	0
Virginia	360,590	393,627	3,448,152	2,320,572	3,941	45,676
West Virginia	2,214,439	2,085,278	117,939	51,815	15,807	18,376
North Carolina	1,693,879	1,593,740	522,203	573,089	2,582	18,391
South Carolina	421,633	415,425	624,694	586,664	674,615	660,305
Georgia	1,039,957	843,472	607,253	825,320	1,064,165	1,033,876
Florida	476,799	590,226	5,220,140	4,929,047	11,088,987	12,335,737
SUBTOTAL	6,610,569	6,411,171	13,895,120	11,796,765	12,911,910	14,514,391
EAST SOUTH CENTRAL						
Kentucky	1,990,455	1,820,746	44,907	3,255	0	0
Tennessee	1,227,580	1,769,130	596	28,613	0	0
Alabama	1,386,228	1,633,183	29,665	88,495	557,966	5,891
Mississippi	176,447	142,792	714,188	470,498	1,690,107	2,593,517
SUBTOTAL	4,780,270	5,365,851	789,356	590,861	2,248,073	2,599,408
WEST SOUTH CENTRAL						
Arkansas	0	0	564,897	775,140	324,252	2,194,542
Louisiana	0	0	508,625	1,183,638	29,101,111	25,784,153
Oklahoma	3	9	21,276	8,125	25,038,173	22,895,937
Texas	635,059	536,398	799,978	257,820	98,399,142	90,245,770
SUBTOTAL	635,062	536,407	1,894,776	2,224,723	152,862,678	141,120,402
MOUNTAIN						
Montana	90,759	91,513	2,914	100	89,386	139,269
Idaho	0	0	5,189	11	100	0
Wyoming	636,055	513,367	22,165	12,060	55,747	71,292
Colorado	587,211	488,883	123,273	138,589	1,927,787	2,560,689
New Mexico	836,366	815,125	197,075	83,009	4,761,201	5,370,843
Arizona	334,133	41,581	627,511	616,425	483,396	2,397,079
Utah	186,121	64,557	29,962	28,632	61,217	43,114
Nevada	433,726	279,160	216,934	86,384	1,537,087	2,482,893
SUBTOTAL	3,156,974	2,314,186	1,225,023	965,210	8,915,921	13,065,179
PACIFIC: Contiguous States						
Washington	448,745	360,382	6,481	5,554	0	0
Oregon	0	0	18,064	8,218	94	265,489
California	0	0	10,931,952	7,260,573	6,667,568	12,094,464
SUBTOTAL	448,745	360,382	10,956,497	7,274,345	6,667,662	12,359,953
PACIFIC: Noncontiguous States						
Alaska	25,094	21,797	51,141	39,874	1,825,305	1,661,670
Hawaii	0	0	773,683	718,855	0	0
SUBTOTAL	25,094	21,797	824,824	758,729	1,825,305	1,661,670
UNITED STATES TOTAL	35,176,179	34,140,508	53,648,159	44,849,652	207,095,107	216,988,008

*INCLUDES INTERNAL COMBUSTION AND GAS TURBINE PLANT USE, BARRELS: N. E. 59,887 M. A. 1,298,583 E. N. C. 1,442,486 W. N. C. 369,744 S. A. 1,003,382 E. S. C. 37,808 W. S. C. 34,607 M. N. 189,068 PAC. 110,523 U.S. TOTAL 4,546,088

Table 6

ELECTRIC UTILITY STOCKS AND DAY'S SUPPLY* OF COAL AND OIL FOR THE PRODUCTION OF ELECTRIC ENERGY

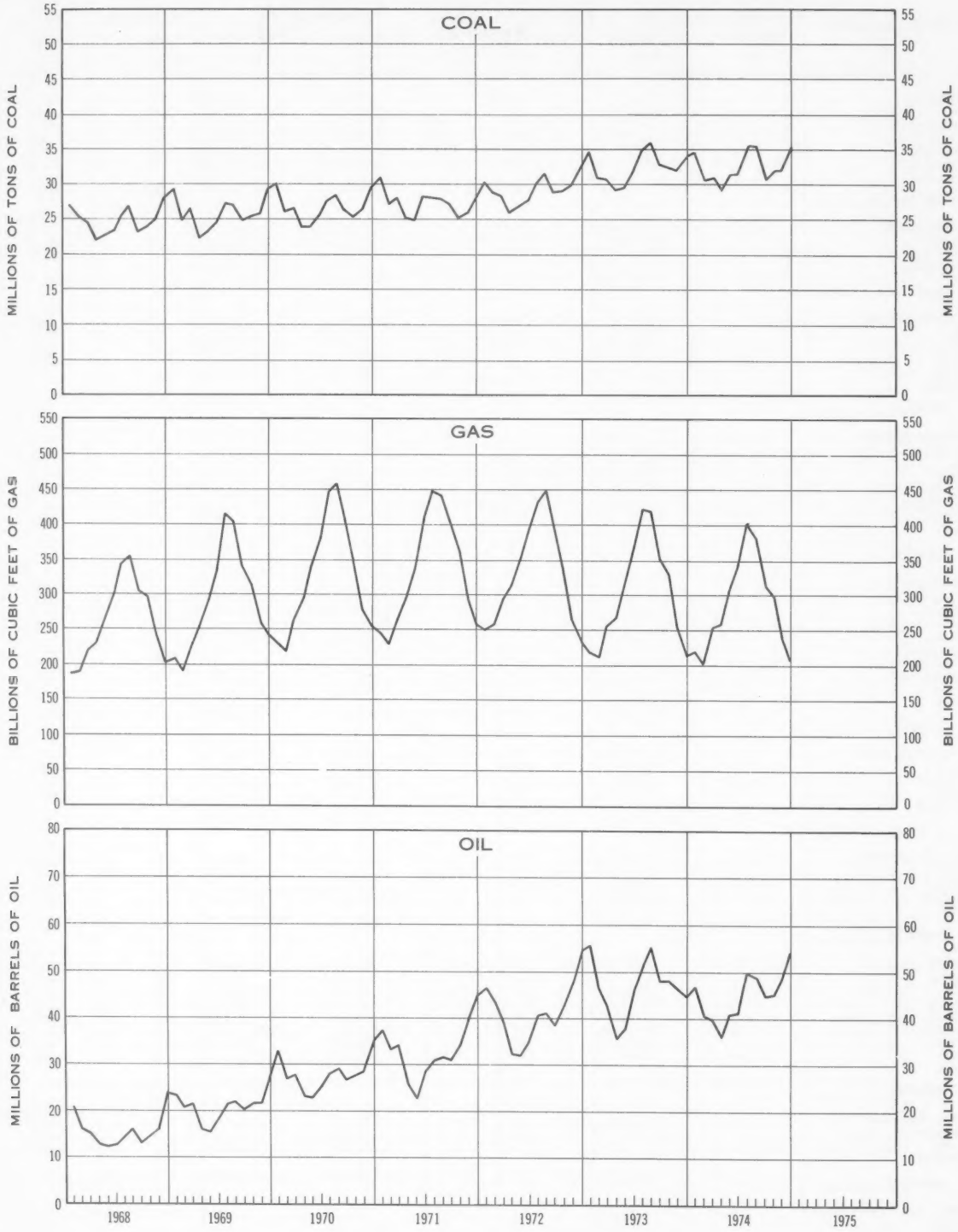
DIVISION AND STATE	COAL					OIL				
	Stocks (Short tons)		Day's Supply		Energy Produced By Coal % Total	Stocks (Barrels)		Day's Supply		Energy Produced By Oil % Total
	JANUARY 1** 1975	JANUARY 1 1974	JANUARY 1 1975	JANUARY 1 1974	1973	JANUARY 1 1975	JANUARY 1 1974	JANUARY 1 1975	JANUARY 1 1974	1973
NEW ENGLAND	0	0	-	-	0.0	645,997	658,479	67	71	33.7
Maine	82,633	107,569	25	28	52.4	466,721	57,467	61	19	20.0
New Hampshire	42,489	21,087	232	87	1.9	120,151	117,955	-	354	3.0
Vermont	386,463	124,844	126	300	0.1	1,687,174	1,830,483	16	17	81.8
Massachusetts	38,179	0	-	-	0.0	110,791	246,258	20	43	99.6
Rhode Island	37,504	91,183	-	138	0.3	3,082,835	2,392,435	51	30	77.2
Connecticut										
SUBTOTAL	547,269	344,683	87	68	4.0	6,113,669	5,303,077	32	26	68.0
MIDDLE ATLANTIC	1,460,376	1,014,093	81	55	12.8	8,788,978	7,286,512	35	33	47.5
New York	870,864	1,061,544	312	134	17.7	3,240,150	2,773,404	30	24	67.7
New Jersey	8,073,089	7,391,700	81	68	88.0	2,155,331	1,043,415	37	23	10.2
Pennsylvania										
SUBTOTAL	10,404,329	9,467,327	87	70	45.3	14,184,459	11,103,331	34	29	34.7
EAST NORTH CENTRAL	6,969,184	6,495,517	68	70	97.4	1,005,943	608,022	38	46	1.6
Ohio	4,784,046	5,127,764	68	67	97.2	399,890	336,070	37	114	0.8
Indiana	5,565,574	7,459,797	59	95	68.9	2,162,783	1,450,483	50	45	5.9
Illinois	5,795,084	5,951,408	100	105	77.5	997,897	1,233,530	20	44	9.9
Michigan	3,501,596	3,532,508	121	129	66.4	755,517	721,044	187	252	1.9
Wisconsin										
SUBTOTAL	25,615,484	30,616,994	75	85	83.3	5,322,030	4,349,149	39	55	4.1
WEST NORTH CENTRAL	2,772,784	3,690,264	102	118	55.2	965,618	1,117,672	142	173	4.3
Minnesota	2,888,958	2,420,348	160	131	61.6	954,366	638,182	234	-	1.1
Iowa	2,979,161	2,645,519	65	59	83.1	682,212	529,605	360	-	0.8
Missouri	736,476	623,073	53	42	69.1	31,442	17,959	365	-	0.1
North Dakota	55,291	49,950	31	32	7.1	107,667	96,480	150	287	1.5
South Dakota	820,703	583,692	124	87	29.8	535,416	448,620	108	152	1.7
Nebraska	1,136,334	1,256,861	204	328	10.2	1,911,943	1,453,450	165	219	3.1
Kansas										
SUBTOTAL	11,449,727	10,669,707	95	91	55.1	5,188,664	4,301,968	172	223	1.9
SOUTH ATLANTIC	224,926	301,002	120	92	40.3	731,587	453,948	33	33	56.0
Delaware	1,137,622	969,641	103	78	36.9	3,738,402	3,550,880	49	56	53.1
Maryland	33,765	26,902	43	31	14.1	119,852	160,369	12	41	85.9
District of Columbia	1,272,111	1,421,561	109	112	35.0	1,571,929	2,170,569	14	29	41.5
Virginia	4,403,473	5,868,821	63	87	98.5	221,629	125,187	58	75	0.5
West Virginia	3,969,471	2,761,261	74	54	81.5	806,148	635,597	48	34	6.0
North Carolina	1,131,240	1,134,719	83	85	47.8	1,722,579	1,419,390	85	75	8.7
South Carolina	2,018,951	3,233,263	60	119	71.5	773,598	352,890	39	13	9.2
Georgia	719,932	770,565	47	40	19.0	8,675,720	7,634,328	52	48	55.2
Florida										
SUBTOTAL	15,036,491	16,427,735	71	79	56.0	18,361,444	16,503,158	41	43	26.4
EAST SOUTH CENTRAL	3,794,062	5,293,535	59	90	91.3	106,080	34,213	73	326	0.1
Kentucky	2,523,812	4,763,773	64	83	78.6	185,143	83,214	-	90	0.2
Tennessee	2,930,474	4,403,512	63	84	77.6	293,583	157,798	307	55	0.5
Alabama	251,917	163,389	44	35	26.1	2,281,702	783,797	99	52	27.9
Mississippi										
SUBTOTAL	9,500,265	14,624,209	61	84	78.8	2,866,508	1,059,022	113	56	2.0
WEST SOUTH CENTRAL	0	0	-	-	0.0	1,745,200	1,630,434	96	65	33.8
Arkansas	0	0	-	-	0.0	1,715,489	1,348,654	105	35	10.7
Louisiana	50,463	60,818	-	-	0.0	468,655	333,797	-	-	0.2
Oklahoma	0	267,361	0	15	4.8	11,860,449	6,943,243	-	-	2.6
Texas										
SUBTOTAL	50,463	328,179	3	19	3.0	15,789,793	10,256,128	258	143	5.7
MOUNTAIN	98,314	110,938	34	38	14.3	153,476	117,240	-	-	0.8
Montana	0	0	-	-	0.0	43,170	1,256	258	-	0.0
Idaho	1,272,635	790,557	62	48	86.9	88,701	20,621	124	53	0.6
Wyoming	2,165,484	1,318,673	115	84	59.1	401,549	154,911	101	35	2.1
Colorado	920,573	929,653	34	35	66.9	639,740	428,223	101	160	2.1
New Mexico	883,262	55,866	71	42	5.5	3,517,833	2,777,774	174	140	23.6
Arizona	344,397	312,340	57	115	58.0	103,796	91,580	107	99	3.7
Utah	549,978	414,532	38	46	57.9	491,990	501,664	70	180	1.3
Nevada										
SUBTOTAL	6,234,643	3,932,559	61	53	44.4	5,440,255	4,093,269	138	131	5.4
PACIFIC: Contiguous States	1,813,340	848,338	125	73	5.5	232,133	226,709	-	-	0.2
Washington	0	0	-	-	0.0	1,173,436	447,149	-	-	0.0
Oregon	0	0	-	-	0.0	36,605,297	30,398,005	104	130	34.3
California										
SUBTOTAL	1,813,340	848,338	125	73	1.8	38,010,866	31,071,863	108	132	19.3
PACIFIC: Noncontiguous States	4,280	7,828	5	11	14.6	74,226	67,453	45	52	11.5
Alaska	0	0	-	-	0.0	603,104	553,006	24	24	99.6
Hawaii										
SUBTOTAL	4,280	7,828	5	11	3.6	677,330	620,459	25	25	77.9
UNITED STATES TOTAL	83,566,290	87,267,559	74	79	45.7	111,955,018	88,661,424	65	61	16.8

* Days' supply is based on the current rate of consumption and the available supply. Data exceeding 365 days are not shown.
** Includes anthracite stocks of 929,574 tons largely in Pennsylvania.

Note: Texas coal stocks - mine mouth plant. Steam oil stocks in Oregon adjusted to exclude amounts used for purposes other than the generation of electric power.

Chart 2

MONTHLY CONSUMPTION OF FUEL BY ELECTRIC UTILITY POWER PLANTS FOR PRODUCTION OF ELECTRIC ENERGY



ELECTRIC UTILITY SYSTEM LOADS AND CAPACITY
WITH SCHEDULED CAPACITY ADDITIONS AND UTILITY ESTIMATES OF PEAK LOADS
(Major Electric Utility Systems of the United States)
DECEMBER 1974

PEAK LOADS

PEAK LOADS IN DECEMBER 1974 on the principal electric utility systems of the United States, including Alaska and Hawaii, totaled 289,667,983 kilowatts. This amount exceeded the corresponding December 1973 peak load aggregate by some 4,733,042 kilowatts on 1.7 percent. The record peak load total was 340,327,400 kilowatts reached in July 1974. Compared with loads in the preceding month, the December 1974 summation was higher by about 15,235,836 kilowatts or 5.6 percent. In 1973 the comparable November to December increase was approximately 10,670,052 kilowatts or 3.9 percent.

THE ANNUAL INCREASE of 4,733,042 kilowatts in the December 1974 peak load total over December 1973 compares with the record such increase of 29,246,918 kilowatts in the December peak load reached in 1972. On the basis of December peak loads, the average annual increase over the 5-year period ended with December 1974 was 12,142,067 kilowatts. The August 1974 peak load decreased 7,243,120 kilowatts over August 1973; however, the five-year period ended with August 1974 shows an average annual growth of 16,073,416 kilowatts. The largest annual August peak load increase was 30,491,213 kilowatts in 1972.

REGIONAL TOTALS OF DECEMBER 1974 peak load data are given in Table 7 below, in comparison with December 1973 amounts.

Table 7

MONTHLY PEAK LOAD SUMMATION
DECEMBER 1974 COMPARED WITH DECEMBER 1973
Major Systems (Kilowatts)

REGION	DECEMBER 1974	DECEMBER 1973	PERCENT CHANGE
I Northeast	53,405,000	55,369,400	–3.5
II East Central	49,820,822	46,964,121	+6.1
III Southeast	61,188,900	60,387,125	+1.3
IV North Central	29,866,339	28,750,820	+3.9
V South Central	37,248,426	34,571,703	+7.7
VI West Central	7,183,254	6,989,939	– .9
VII Northwest	21,399,535	22,151,191	–3.4
VIII Southwest	28,250,727	28,616,772	–1.3
CONTIGUOUS U.S. TOTAL	288,363,003	283,801,071	+1.6
Alaska	364,380	306,070	
Hawaii	940,600	827,800	
U.S. TOTAL	289,667,983	284,934,941	+1.7

Data Source: Form 12 & 12-E-1

ESTIMATED PEAK LOADS for future periods, summarized from electric utility monthly reports for December 1974, are shown as regional totals in Tables 8 and 9 on page 10. Table 8 contains estimates for winter-season peak loads covering the winter 1975-76 through the 1978-79 winter.

Table 9 shows estimates of summer-season peak loads for the summers of 1975 through 1978.

In both Table 8 and 9, data represent the summation of reported estimates for the particular season and year but are not necessarily coincident in other respects of time. The individual system estimates through the winter of 1977-78 are included in the table of system details in this report.

Table 8

SUMMATION OF ESTIMATED WINTER PEAK LOADS
WINTER 1975 - 76 THROUGH WINTER 1978 - 1979

Major Systems (Kilowatts)

REGION (8)	SUMMATION OF ESTIMATED SUMMER PEAK LOADS			
	SUMMER 1975	SUMMER 1976	SUMMER 1977	SUMMER 1978
I Northeast	59,546	63,361	67,142	70,943
II East Central	56,053	60,273	64,481	68,652
III Southeast	75,288	82,033	88,340	94,900
IV North Central	32,339	34,901	39,913	42,801
V South Central	43,406	47,353	52,029	56,443
VI West Central	8,429	8,966	9,621	10,236
VII Northwest	26,488	27,987	29,702	31,511
VIII Southwest	32,441	34,608	36,841	39,104
CONTIGUOUS U.S. TOTAL	333,990	359,482	388,069	414,590
Alaska	410	449	491	541
Hawaii	1,032	1,090	1,150	1,212
U.S. TOTAL	335,432	361,021	389,710	416,343

Data Source: Form 12

Table 9

SUMMATION OF ESTIMATED SUMMER PEAK LOADS
SUMMER 1975 THROUGH SUMMER 1978

Major Systems (Kilowatts)

REGION	SUMMATION OF ESTIMATED SUMMER PEAK LOADS			
	SUMMER 1975	SUMMER 1976	SUMMER 1977	SUMMER 1978
I Northeast	65,550	69,427	73,306	77,284
II East Central	58,605	63,051	67,038	72,096
III Southeast	77,128	84,476	91,681	98,741
IV North Central	40,508	43,297	49,338	52,767
V South Central	61,847	67,247	73,264	79,135
VI West Central	9,038	9,768	10,572	11,352
VII Northwest	20,720	22,211	23,348	24,772
VIII Southwest	38,189	40,626	43,198	45,879
CONTIGUOUS U.S. TOTAL	371,585	400,103	431,745	462,026
Alaska	241	262	287	321
Hawaii	998	1,053	1,111	1,171
U.S. TOTAL	372,824	401,418	433,143	463,519

Data Source: Form 12

CAPACITY

AGGREGATE INSTALLED CAPACITY of the major systems in the United States, including Alaska and Hawaii, was 466,160,778 kilowatts on December 31, 1974. The corresponding DEPENDABLE CAPACITY including net firm power purchase was 456,281,671 kilowatts. After deduction of reported required capacity reserves of 36,600,265 kilowatts, the net assured capacity totaled 419,681,406 kilowatts.

THE NET INCREASE IN INSTALLED CAPACITY of the United States major systems in the year 1974, as indicated by the December 31 capacity figures, amounted to 36,096,524 kilowatts, compared with the 36,542,366 kilowatts in the year 1973. INCREASES IN REPORTED DEPENDABLE and net assured capacity for the full year 1974 were 40,879,882 and 21,722,792 kilowatts respectively.

SCHEDULED NET ADDITIONS TO INSTALLED generating capacity of the major systems for the four years, 1975 through 1978, totaled 129,097,000 kilowatts, a planned expansion of some 28 percent of the December 1974 total. The scheduling by the years and by regions is shown in Table below.

Table 10

SUMMATION OF INSTALLED CAPACITY
AS OF DECEMBER 31, 1974
WITH SCHEDULED ADDITIONS

REGION	INSTALLED CAPACITY DECEMBER 31, 1974	SCHEDULED NET ADDITIONS TO INSTALLED CAPACITY			
		YEAR 1975	YEAR 1976	YEAR 1977	YEAR 1978
I Northeast	84,962,938	8,857,000	4,572,000	1,901,000	3,289,000
II East Central	75,780,370	9,097,000	3,817,000	4,313,000	1,671,000
III Southeast	96,547,928	9,586,000	7,994,000	8,721,000	7,061,000
IV North Central	49,693,623	3,315,000	1,430,000	3,852,000	4,046,000
V South Central	74,096,447	7,792,000	2,632,000	7,744,000	4,584,000
VI West Central	11,645,548	1,741,000	424,000	1,007,000	650,000
VII Northwest	26,820,861	2,718,000	1,661,000	2,350,000	2,436,000
VIII Southwest	44,845,434	2,122,000	3,219,000	2,695,000	1,461,000
CONTIGUOUS U.S. TOTAL	464,393,149	45,210,000	25,749,000	32,583,000	25,198,000
Alaska	471,224	109,000	70,000	100,000	55,000
Hawaii	1,296,405	11,000	--	6,000	6,000
U.S. TOTAL	466,160,778	45,330,000	25,819,000	32,689,000	25,259,000

Data Source: Form 12

SCHEDULED INCREASES IN DEPENDABLE capacity of the major systems for the four-year period ended December 31, 1978 are not available due to the new Form 12-E-1 reporting system.

Table 11

SUMMATION OF DEPENDABLE CAPACITY

AS OF DECEMBER 31, 1974

Major Systems (Kilowatts)

REGION	DEPENDABLE CAPACITY DECEMBER 31, 1974	INDICATED DEPENDABLE CAPACITY			
		DECEMBER 31, 1975	DECEMBER 31, 1976	DECEMBER 31, 1977	DECEMBER 31, 1978
I Northeast	85,076,149	(Data no longer available because of the new FPC Form No. 12-E-1 reporting system. For future capacity projections see FPC News Release No. 21520)			
II East Central	72,443,806				
III Southeast	94,997,647				
IV North Central	48,008,703				
V South Central	71,953,820				
VI West Central	10,885,172				
VII Northwest	24,987,009				
VIII Southwest	46,034,997				
CONTIGUOUS U.S. TOTAL	454,383,303				
Alaska	547,403				
Hawaii	1,350,965				
U.S. TOTAL	456,281,671				

Source Data: Form 12

ENERGY FOR LOAD

ELECTRIC ENERGY REQUIREMENTS IN 1974 in the United States, including Alaska and Hawaii, for the major systems were 1,852,869,629,000 kilowatt-hours. This amount was 2.4 billion kilowatt-hours or 0.1 percent greater than the 1973 total of 1,850,492,128,000 kilowatt-hours which had previously been the record.

The monthly energy requirements for December 1974 in the United States including Alaska and Hawaii, were 160,498,230,000 kilowatt-hours. December 1974 energy represented an increase of 1.5 percent from the preceding December and an increase of 9.4 percent from the November 1974 total of 146,677,328,000 kilowatt-hours.

REGIONAL TOTALS of December 1974 and the 1973 annual energy amounts, with comparative 1973 figures, are shown in Table 12, on page 13.

Table 12

MONTHLY AND ANNUAL ENERGY REQUIREMENTS
DECEMBER AND YEAR 1974
Major Systems (1000 Kilowatt-Hours)

REGION	DECEMBER		%INCR. 74/73	YEAR		%INCR. 74/73
	1974	1973		1974	1973	
I Northeast	28,872,915	29,780,848	−3.0	320,880,274	340,963,972	−5.9
II East Central	27,784,949	28,021,176	− .8	318,520,460	321,254,141	− .9
III Southeast	31,827,025	32,868,765	−3.2	381,002,824	382,428,283	− .4
IV North Central	17,971,125	16,050,515	+12.0	189,332,889	186,898,111	+1.3
V South Central	21,165,245	19,706,223	+7.4	274,466,729	257,913,174	+6.4
VI West Central	3,967,419	3,665,648	+8.2	42,661,323	41,267,527	+3.4
VII Northwest	12,696,932	12,573,727	+1.0	135,655,141	127,440,300	+6.4
VIII Southwest	15,566,893	14,809,578	+5.1	183,484,740	185,790,468	−1.2
CONTIGUOUS U.S. TOTAL	159,852,503	157,476,480	+1.5	1,846,004,380	1,843,955,976	+ .1
Alaska	190,034	164,033		1,708,898	1,545,872	
Hawaii	455,693	401,357		5,156,351	4,990,280	
U.S. TOTAL	160,498,230	158,041,870	+1.5	1,852,869,629	1,850,492,128	+ .1

ESTIMATES OF ANNUAL ENERGY REQUIREMENTS for the years 1975 through 1978 reported by the electric utility systems, have been compiled into regional totals which are shown in Table 13 below.

Table 13

ESTIMATED ANNUAL ENERGY REQUIREMENTS
Major Systems - (1000 Kilowatt-Hours)

REGION	UTILITY ESTIMATES			
	YEAR 1975 *	YEAR 1976 *	YEAR 1977 *	YEAR 1978
I Northeast	366,082,000	397,449,000	425,650,000	
II East Central	366,269,398	394,885,328	422,183,378	(Data not sufficiently complete in December 1974 reports to permit summaries)
III Southeast	456,650,930	497,977,784	539,830,785	
IV North Central	212,296,438	227,145,516	243,618,316	
V South Central	314,536,253	345,982,290	376,679,986	
VI West Central	48,604,489	52,553,491	56,738,016	
VII Northwest	148,927,999	159,853,258	169,339,971	
VIII Southwest	206,381,699	219,879,006	221,041,078	
CONTIGUOUS U.S. TOTAL	2,119,749,206	2,295,725,673	2,455,081,530	
Alaska	2,035,795	2,257,780	2,508,862	
Hawaii	5,767,450	6,062,641	6,404,500	
U.S. TOTAL	2,127,552,451	2,304,046,094	2,463,994,892	

* Latest data available, June 1974.

LOAD AND CAPACITY TRENDS

THE GROWTH OF ELECTRIC POWER LOADS is shown in Table 14, by actual data on August and December peak load summations for the period 1961-1974. Annual energy amounts for the same period are also given.

COMPARATIVE AUGUST AND DECEMBER CAPACITY figures for the period, 1961-1974, appear in Table 15 on page 14.

Table 14

PEAK LOADS AND ANNUAL ENERGY, 1961-1974
UNITED STATES TOTALS FOR MAJOR SYSTEMS

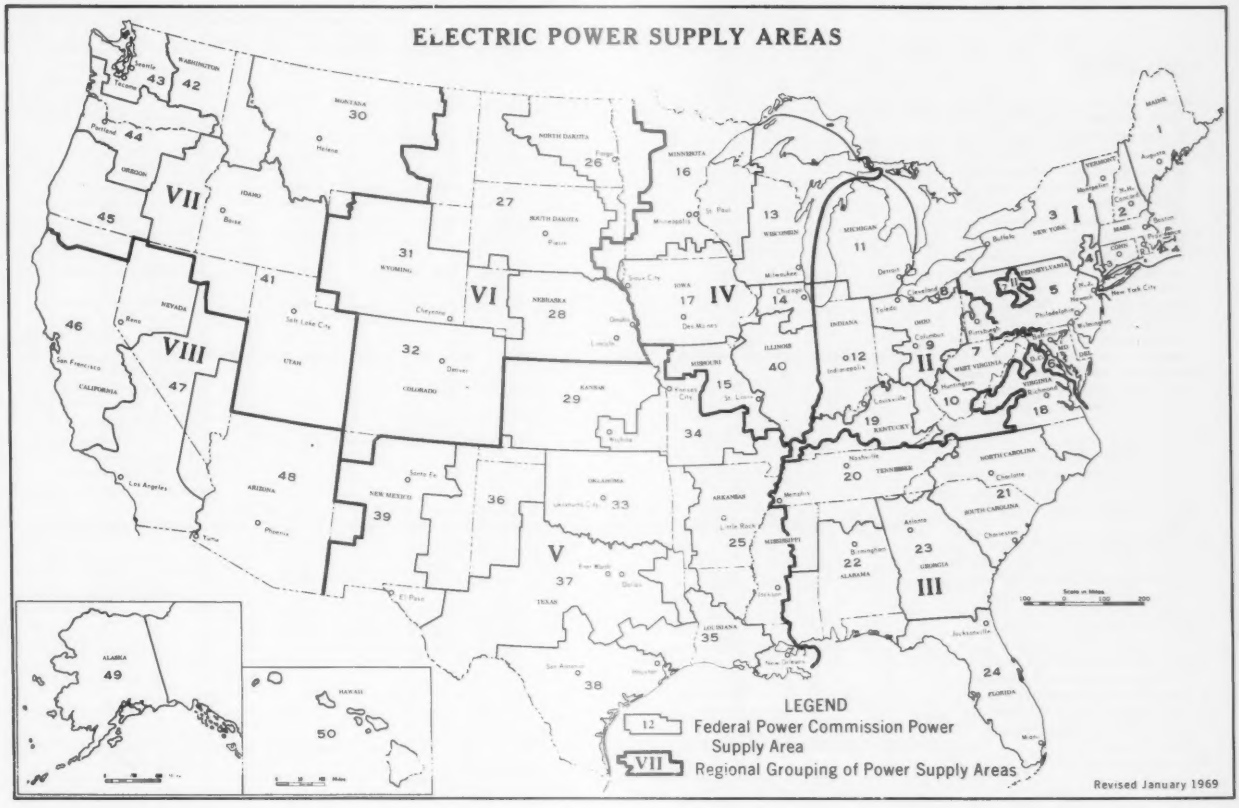
YEAR	PEAK LOADS				ANNUAL ENERGY	
	AUGUST		DECEMBER			
	KILOWATTS	% OVER PREV. YEAR	KILOWATTS	% OVER PREV. YEAR	1000 KILOWATT-HOURS	% OVER PREV. YEAR
1961 (a)	134,627,742	+ 5.3	135,910,377	+ 5.6	780,361,570	+ 4.7
1962	143,078,770	+ 6.3	146,180,858	+ 7.6	839,553,731	+ 7.6
1963	152,054,320	+ 6.3	156,324,472	+ 6.9	900,009,334	+ 7.2
1964	167,660,254	+ 10.3	165,519,970	+ 5.9	965,366,429	+ 7.3
1965 (a)	178,319,794	+ 6.4	174,456,954	+ 5.4	1,034,886,131	+ 7.2
1963 (a)	152,497,557	NA	156,844,007	NA	902,557,783	NA
1964	168,152,997	+ 10.3	166,101,211	+ 5.9	968,216,942	+ 7.3
1965	178,848,019	+ 6.4	175,068,270	+ 5.4	1,037,979,383	+ 7.2
1966	192,897,315	+ 7.9	187,854,065	+ 7.3	1,125,733,533	+ 8.5
1967	204,867,351	+ 6.2	200,633,355	+ 6.8	1,196,234,705	+ 6.3
1968	230,773,482	+ 12.6	220,120,321	+ 9.7	1,309,130,185	+ 9.4
1969	246,564,421	+ 6.8	228,957,647	+ 4.0	1,421,821,155	+ 8.6
1970	263,492,816	+ 6.9	241,576,710	+ 5.5	1,509,781,288	+ 6.2
1971 (a)	277,728,491	+ 5.4	254,923,080	+ 5.5	1,596,472,103	+ 5.7
1972	308,219,704	+ 11.0	284,169,998	+ 11.5	1,734,836,224	+ 8.7
1973	334,174,620	+ 8.4	284,934,941	+ .3	1,850,492,128	+ 6.7
1974	326,931,500	− 2.2	289,667,983	+ 1.7	1,845,008,400	+ .1

Table 15

SYSTEM CAPACITY, 1961 - 1974
UNITED STATES TOTALS FOR MAJOR SYSTEMS
(Kilowatts)

YEAR	AUGUST 31		INDICATED[c] RESERVES, % OF AUG. PEAK	DECEMBER 31		INDICATED[c] RESERVES, % OF DEC. PEAK
	INSTALLED	DEPENDABLE[b]		INSTALLED	DEPENDABLE[b]	
1961 (a)	172,820,607	175,706,990	30.5	178,081,663	178,923,276	31.6
1962	187,201,563	185,952,391	30.0	190,298,958	189,145,231	29.4
1963	198,939,489	196,683,700	29.4	202,611,558	200,731,617	28.4
1964	211,490,693	208,457,589	24.3	214,694,764	211,841,375	28.0
1965 (a)	223,274,564	220,335,068	23.6	228,098,351	224,816,869	28.9
1963 (a)	199,631,423	197,390,629	29.4	203,310,212	201,446,596	28.4
1964	212,228,127	209,222,888	24.4	215,481,384	212,686,474	28.0
1965	224,071,124	221,183,167	23.7	228,908,161	225,680,168	28.9
1966	236,973,606	233,119,197	20.9	240,744,956	237,371,757	26.4
1967	255,232,544	250,447,536	22.2	261,402,116	257,641,698	28.4
1968	276,561,671	272,492,711	18.1	283,228,493	280,112,508	27.3
1969	299,785,865	295,115,178	19.7	307,162,571	301,142,379	31.5
1970	324,882,678	317,069,529	20.3	332,607,404	325,210,127	34.6
1971 (a)	352,780,224	342,580,217	23.4	361,447,288	354,072,075	+ 38.9
1972	380,801,972	370,851,125	20.3	393,521,888	383,856,151	+ 35.1
1973	419,561,880	402,816,947	20.5	430,064,254	415,401,789	+ 46.5
1974	(d)	(d)	(d)	466,160,778	456,281,671	+ 57.5

(a) Shown excluding Alaska and Hawaii, 1961 - 1965; and including those states, 1973 - 1974.
(b) Based on adverse water year and including net firm power purchases.
(c) Excess of dependable capacity over peak load, as % of peak load.
(d) Data not available for Aug. 1974, due to new reporting system.


ELECTRIC POWER SUPPLY AREAS
LEGEND
12 Federal Power Commission Power Supply Area
VII Regional Grouping of Power Supply Areas
Revised January 1969

ELECTRIC ENERGY FOR LOAD AND SYSTEM PEAK LOADS

MAJOR ELECTRIC UTILITY SYSTEMS – DECEMBER 1974

WITH SCHEDULED CAPACITY ADDITIONS, 1974-1978 AND UTILITY ESTIMATES OF PEAK LOADS, 1975-1977

SYSTEM AND POWER SUPPLY AREA		ENERGY 1000 KWH	Peak Load KW	CAPACITY AS OF DEC 31, 1974 (KW)			SCHEDULED ADDITIONS TO INSTALLED CAPACITY (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)			
				INSTALLED	DEPEND-ABLE	NET ASSURED	75	76	77	78	Summer 1975	Winter 1975/76	Summer 1976	Winter 1976/77	Summer 1977	Winter 1977/78	Summer 1978	Winter 1978/79
REGION I - NORTHEAST																		
Combined Report - New England Power Exchange: Bangor Hydro-Electric Co.; Boston Edison Co.; Braintree (Mass.) Electric Light Dept.; Central Maine Power Co.; Central Vermont Public Service Corp.; Connecticut Yankee Atomic Power Co.; Eastern Utilities Associates; Fitchburg Gas and Electric Light Co.; Green Mountain Power Corp.; Holyoke (Mass.) Gas and Electric Dept.; Maine Public Service Co.; New England Electric System; New England Gas & Electric Association; Newport Electric Corp.; Northeast Utilities; Public Service Co. of New Hampshire; Taunton (Mass.) Municipal Lighting Plant; United Illuminating Co.; Vermont Electric Power Co. Inc.; Yankee Atomic Electric Co.; and Smaller Public Private and Cooperative Systems in Area.	1 & 2	6,612,127	12,644,000	18,355,045	19,061,049	17,969,049	2,529	491	20	692	12,970	14,246	14,157	15,511	15,046	16,532	15,964	17,613
Combined Report - New York Power Pool - New York State Interconnected Systems: Central Hudson Gas & Electric Corp.; Consolidated Edison Co. of N.Y.; Village of Freeport; Jamestown Municipal Electric System; Long Sault Inc.; Long Island Lighting Co.; New York State; Electric & Gas Corp.; Niagara Mohawk Power Corp.; Orange & Rockland Utilities Inc.; Power Authority, State of New York; Rochester Gas & Electric Corp.	3 & 4	9,326,000	17,409,000	28,497,000	26,575,000	22,975,000	1,941	1,673	711	1,670	21,100	19,030	22,070	20,000	23,140	20,910	24,180	21,870
Combined Report - Pennsylvania - New Jersey - Maryland Interconnection: Atalntic City Electric Co.; Baltimore Gas & Electric Co.; Bethlehem Steel Co. (Sparrows Point Plant); Delmarva Power & Light Co.; General Electric Co.; Jersey Central Power & Light Co.; Luzerne Electric Division, United Gas Improvement Co.; Metropolitan Edison Co.; New Jersey Power & Light Co.; Pennsylvania Electric Co.; Pennsylvania Power & Light Co.; Philadelphia Electric Co.; Potomac Electric Power Co.; Public Service Electric and Gas Co.; Vineland, New Jersey, Municipal System	5 & 6	12,934,788	23,352,000	38,110,893	39,440,100	37,114,100	4,387	2,408	1,170	927	31,480	26,270	33,200	27,850	35,120	29,700	37,140	31,460
Safe Harbor Water Power Corp.*	5 & 6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL REGION I		28,872,915	53,405,000	84,962,938	85,076,149	78,058,149	8,857	4,572	1,901	3,289	65,550	59,546	69,427	63,361	73,306	67,142	77,284	70,943
REGION II - EAST CENTRAL																		
Combined Report - Allegheny Power Service Corp., and Subsidiary, Monongahela Power Co.; and Subsidiary, The Potomac Edison Co., and Subsidiaries, & West Penn. Power Co., and Subsidiaries.	7	2,349,513	4,175,000	6,499,087	6,534,000	5,894,000	–	–	–	–	3,900	4,650	4,355	4,925	4,690	5,275	5,085	5,675
Duquesne Light Co.	7	1,140,552	1,992,000	2,609,152	2,666,000	2,446,000	1,700	–	1,700	–	2,375	2,140	2,480	2,220	2,625	2,400	2,895	2,500
The Cleveland Electric Illuminating Co.	8	1,486,792	2,678,000	3,876,000	3,724,000	3,454,000	53	430	236	–	3,300	2,900	3,460	3,190	3,790	3,450	4,050	3,650
Cleveland, Ohio, Division of Light & Power	8	31,636	62,600	208,600	193,600	114,600	–	–	–	–	107	109	129	130	130	130	130	130
Buckeye Power, Inc.	9	302,392	575,753	590,000	699,831	699,831	–	–	–	–	396	609	428	646	467	698	504	753
Columbus, Ohio, Municipal Electric Plant	9	26,583	47,500	55,600	85,480	72,380	–	–	–	–	57	55	59	57	62	60	66	64
Columbus and Southern Ohio Electric Co. (Company System)	9	708,080	1,311,000	2,203,436	2,141,000	1,946,000	–	403	–	403	1,771	1,357	1,860	1,430	1,981	1,536	2,120	1,662
Combined Report - Ohio Edison Co.; Pennsylvania Power Co.	9	1,937,834	3,624,199	4,256,418	4,488,867	4,187,867	1,983		881		3,905	3,865	4,166	4,140	4,448	4,437	4,746	4,715
The Toledo Edison Co.	9	566,851	1,071,000	1,046,975	1,412,000	1,412,000	–	–	–	–	1,328	1,282	1,424	1,421	1,600	1,544	1,738	1,651
Ohio Valley Electric Corp. (including subsidiary Indiana-Kentucky Electric Corp.)	9 & 12	743,326	1,004,000	2,390,000	1,163,000	1,163,000	–	–	–	–	1,316	1,622	1,929	2,047	2,047	2,047	2,047	2,047
Combined Report - American Electric Power System: Appalachian Power Co.; Indiana & Michigan Electric Co.; Kentucky Power Co.; Kingsport Power Co.; Ohio Power Co.; Wheeling Electric Co. Michigan Power Co.; Sewell Valley Utilities Co.	10, 9 & 12	5,971,708	9,999,000	15,475,684	13,845,000	13,285,000	3,500	–	–	–	11,067	11,758	11,748	12,658	12,507	13,521	13,270	14,381
Danville, Virginia, Water, Gas and Electric Dept.	10	38,683	76,840	39,125	120,300	112,440	–	–	–	–	113	76	120	78	128	84	136	88
Consumers Power Co. (Main System)	11	2,055,328	3,951,024	5,291,900	4,931,868	4,177,868	605	632	–	–	4,193	4,260	4,450	4,496	4,706	4,763	4,993	5,029
The Detroit Edison Co.	11	2,845,077	5,405,000	9,954,082	8,901,000	7,787,000	–	815	–	–	7,000	5,650	7,400	5,950	7,850	6,300	8,350	6,650
Detroit, Michigan, Public Lighting Commission	11	58,215	101,200	174,000	174,000	174,000	30	–	–	60	135	136	142	143	149	150	156	158
Lansing, Michigan, Board of Water & Light	11	132,767	295,230	628,700	593,130	508,030	–	–	–	–	366	340	387	360	409	380	432	402
Anderson, Indiana, Municipal Light & Power Plant	12	44,810	80,448	19,000	102,600	102,600	–	–	–	–	109	115	115	88	118	91	121	95
The Cincinnati Gas & Electric Co. and Subsidiary Companies	12	1,074,457	1,981,000	3,424,642	3,295,390	3,195,390	357	–	–	357	2,660	2,160	2,820	2,300	2,990	2,440	3,170	2,580
The Dayton Power and Light Co.	12	807,223	1,560,000	2,287,112	2,294,700	2,294,700	201	–	–	201	1,878	1,703	2,024	1,839	2,175	1,976	2,333	2,126

Table 16 Continued - December 1974

SYSTEM AND POWER SUPPLY AREA		ENERGY 1000 KWH	Peak Load KW	CAPACITY AS OF DEC 31, 1974 (KW)			SCHEDULED ADDITIONS TO INSTALLED CAPACITY (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)			
				INSTALLED	DEPENDABLE	NET ASSURED	75	76	77	78	Summer 1975	Winter 1975/76	Summer 1976	Winter 1976/77	Summer 1977	Winter 1977/78	Summer 1978	Winter 1978/79
Fort Wayne, Ind., Municipal Light & Power Works	12	38,287	68,500	45,000	105,000	105,000	–	–	–	–	[illegible]	79	103	82	105	86	110	90
Hamilton, Ohio, Municipal Power Plant	12	30,331	57,143	112,990	110,000	107,800	–	–	–	–	86	60	106	65	110	70	115	75
Hoosier Energy Div.; Indiana Statewide R.E.C.; Inc.	12	160,323	306,000	233,200	416,000	376,000	–	–	–	–	313	421	344	461	376	505	471	558
Indianapolis Power & Light Co.	12	665,319	1,239,000	2,114,463	2,153,000	2,015,000	–	–	515	–	1,755	1,380	1,895	1,481	2,047	1,589	2,211	1,705
Louisville Gas and Electric Co. and Subsidiary	12	537,104	979,000	2,273,470	2,155,000	1,806,000	–	–	425	–	1,741	1,228	1,837	1,353	1,975	1,526	2,121	1,708
Northern Indiana Public Service Co. (Total Company System)	12	1,022,169	1,742,939	1,984,818	2,545,040	1,872,357	–	521	–	–	2,000	1,945	2,120	2,030	2,250	2,180	2,385	2,290
Public Service Co. of Indiana, Inc. (Interconnected System)	12	1,288,938	2,352,000	3,291,080	3,189,000	2,671,000	650	650	–	650	3,000	2,800	3,255	3,040	3,530	3,310	3,818	3,610
Richmond, Indiana, Power and Light	12	44,234	86,950	90,000	193,000	193,000	–	–	–	–	106	102	111	107	117	112	123	118
Southern Indiana Gas and Electric Co.	12	186,288	349,700	773,255	719,000	558,000	–	–	–	–	590	385	620	410	665	440	710	470
Big Rivers Electric Cooperative	19	507,544	731,000	601,300	808,000	808,000	–	66	–	–	767	773	778	785	798	804	816	822
East Kentucky Rural Electric Cooperative	19	249,409	509,196	540,035	649,000	640,000	–	300	–	–	452	592	505	664	563	743	625	848
Henderson, Municipal Power & Light	19	13,256	25,600	397,759	55,000	55,000	–	–	–	–	48	23	51	25	55	26	60	27
Combined Report - Kentucky Utilities Co.: Old Dominion Power Co.	19	688,400	1,323,000	1,827,487	1,851,000	1,679,000	–	–	556	–	1,568	1,446	1,718	1,584	1,882	1,734	2,062	1,892
Owensboro, Kentucky, Municipal Utilities	19	31,520	60,000	466,000	130,000	130,000	–	–	–	–	105	62	112	68	102	74	128	83
TOTAL REGION II		27,784,949	49,820,822	75,780,370	72,443,806	66,042,863	9,079	3,817	4,313	1,671	58,605	56,053	63,051	60,273	67,038	64,481	72,096	68,652
REGION III - SOUTHEAST																		
U.S. Department of the Interior, Southeastern Power Administration (Philpott Project)[a]	18	–	–	14,000	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Department of the Interior, Southeastern Power Administration (John H. Kerr Project)[a]	18	–	–	204,000	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Virginia Electric and Power Co.	18	2,888,479	5,407,000	8,547,298	8,532,000	8,059,000	845	–	1,880	–	7,500	6,070	7,950	6,510	8,510	7,010	9,120	7,570
Tennessee Valley Authority including Alcoa System and U.S. Department of the Interior, Southeastern Power Administration (Cumberland Basin Projects)	20	9,346,654	16,759,000	24,480,180	25,998,000	23,625,000	2,466	1,142	2,441	2,785	19,400	23,000	21,650	24,900	22,950	26,500	24,150	28,050
Carolina Power & Light Co.	21	2,173,942	4,261,000	6,243,617	6,045,500	5,788,500	955	821	–	720	5,001	5,001	5,407	5,407	5,881	5,881	6,350	6,350
Duke Power Co.	21	3,806,759	7,546,500	11,303,964	11,159,375	10,729,375	1,385	(14)	–	1,220	8,603	8,899	9,691	9,631	10,482	10,406	11,311	11,225
Lockhart Power Co.	21	20,393	40,900	17,300	46,500	41,000	–	–	–	–	57	49	60	51	63	53	66	56
South Carolina Electric & Gas Co.	21	745,483	1,440,000	3,148,285	2,613,625	2,381,625	–	–	240	240	1,957	1,580	2,080	1,685	2,230	1,744	2,390	1,837
South Carolina Public Service Authority (Santee-Cooper Project)	21	409,046	767,000	872,895	1,016,500	925,500	350	–	315	–	993	791	1,106	873	1,232	970	1,372	1,073
Yadkin, Inc.	21	150,463	208,700	201,000	231,000	231,000	–	–	–	–	210	210	210	210	210	210	210	210
South Mississippi Electric Power Assn.	22	83,516	175,000	213,800	259,800	239,800	–	–	180	180	262	238	300	273	348	322	400	370
U.S. Department of the Interior, Southeastern Power Administration (Clark Hill Project)[a]	21, 22 & 23	–	–	1 –	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alabama Electric Cooperative, Inc.	22 & 23	81,432	173,400	133,490	257,937	257,937	–	–	–	235	242	232	280	252	310	279	335	301
Combined Report - The Southern Company: Alabama Power Co.; Georgia Power Co.; Gulf Power Co.; Mississippi Power Co.; Southern Electric Generating Co.	22 & 23	6,717,262	12,853,000	20,569,215	20,205,600	17,999,600	1,802	1,840	2,389	1,589	18,030	14,860	19,750	16,790	22,250	18,310	24,500	20,000
Savannah Electric and Power Co.	22 & 23	157,646	301,400	501,604	481,300	470,500	–	–	178	–	409	346	440	362	461	380	484	397
U.S. Department of the Interior, Southeastern Power Administration (Allatoona and Buford Projects)[a]	22 & 23	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Department of the Interior, Southeastern Power Administration (Walter F. George Project, Carters, West Point and Jones Bluff)[a]	22 & 23	–	–	1 –	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Department of the Interior, Southeastern Power Administration (Hartwell and Millers Ferry Projects)[a]	22 & 23	–	–	1 –	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Florida Power Corporation	24	1,239,213	2,793,000	3,792,900	3,875,000	3,721,000	–	1,752	–	–	2,926	3,556	3,256	3,836	3,486	4,126	3,746	4,416
Florida Power & Light Co. (Interconnected System)	24	2,554,819	5,426,000	9,537,888	9,517,000	8,803,000	850	1,443	863	92	7,600	7,020	8,080	7,560	8,710	8,160	9,390	8,790
Gainesville Electric Water & Sewer Util. Bd.	24	48,018	110,500	229,912	219,400	205,400	53	–	–	–	154	122	167	133	181	144	196	156
Jacksonville, Florida, Electric Authority	24	399,802	825,000	1,650,840	1,445,160	1,374,160	124	564	–	–	1,210	910	1,290	970	1,360	1,030	1,440	1,100
Lakeland, Florida, Department of Electric and Water Utilities	24	74,036	180,600	300,890	274,250	252,250	115	–	–	–	225	216	253	238	282	262	315	289
Orlando Utilities Commission	24	147,750	334,000	780,050	496,000	436,000	–	–	–	–	396	349	415	371	441	396	471	424
Tallahassee, Florida, City of	24	71,475	157,900	278,320	277,700	235,700	–	–	235	–	228	183	244	200	266	222	296	245
Tampa Electric Co. (Interconnected System)	24	710,837	1,429,000	2,587,480	2,046,000	1,723,000	–	446	–	–	1,725	1,656	1,847	1,801	2,028	1,935	2,199	2,041
U.S. Department of the Interior, Southeastern Power Administration (Jim Woodruff Project)[a]	24	–	–	939,000	–	–	641	–	–	–	–	–	–	–	–	–	–	–
TOTAL REGION III		31,827,025	61,188,900	96,547,928	94,997,647	87,499,347	9,586	7,994	8,721	7,061	77,128	75,288	84,476	82,033	91,681	88,340	98,741	94,900
REGION IV - NORTH CENTRAL																		
Consolidated Water Power Co.	13	19,202	45,200	20,820	32,486	30,486	–	–	–	–	30	30	30	30	30	30	30	30
Edison Sault Electric Co.	13	29,834	52,988	50,161	67,100	54,400	–	–	–	–	53	55	57	59	60	61	62	64
Kaukauna, Wisconsin, Electrical & Water Depts.	13	21,729	43,700	42,100	60,500	50,320	–	–	–	–	56	58	60	63	71	73	75	77
Madison Gas and Electric Co.	13	128,473	252,000	303,980	2	2	115	–	–	117	2	2	2	2	2,746	2,530	2,947	2,693
Manitowoc, Wisconsin, Public Utilities	13	18,347	39,500	70,000	68,000	47,000	–	–	–	–	43	31	44	42	45	43	47	44
Upper Peninsula Power Co. (Integrated System)	13	197,375	319,200	88,750	391,420	391,420	–	–	–	80	390	420	394	425	399	431	512	534
Combined Report - Wisconsin Electric Power Co.; Wisconsin Michigan Power Co.	13	1,347,573	2,606,700	3,956,824	3,719,000	3,244,000	–	–	–	213	3,168	2,744	3,287	2,857	3,440	2,976	3,593	3,098

Table 16 Continued - December 1974

SYSTEM AND POWER SUPPLY AREA		ENERGY 1000 KWH	Peak Load KW	CAPACITY AS OF DEC 31, 1974 (KW)			SCHEDULED ADDITIONS TO INSTALLED CAPACITY (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)			
				INSTALLED	DEPEND-ABLE	NET ASSURED	75	76	77	78	Summer 1975	Winter 1975/76	Summer 1976	Winter 1976/77	Summer 1977	Winter 1977/78	Summer 1978	Winter 1978/79
REGION IV - NORTH CENTRAL (Continued)																		
Wisconsin Power & Light Co. (and Subsidiary Co.)	13	480,813	912,000	1,148,030	2,977,900	2,681,350	207	–	–	280	2,361	2,188	2,521	2,348	2,746	2,530	2,947	2,693
Wisconsin Public Service Corp.	13	417,905	803,000	1,287,856	2	2	205	–	–	130								
Commonwealth Edison Co.	14	5,029,284	9,211,000	17,059,497	15,526,000	15,526,000	731	–	1,007	2,196	13,500	10,000	14,540	10,670	15,630	11,350	16,680	12,030
Missouri Power & Light Co.	15	180,300	334,245	104,639	595,850	583,450	–	–	–	–	503	367	537	400	570	437	613	478
Union Electric Company	15	1,583,657	2,789,000	6,202,540	5,530,000	5,430,000	555	–	555	–	4,887	2,922	5,154	3,076	5,417	3,237	5,681	3,401
Dairyland Power Cooperative (Alma, Cassville, Chippewa Falls, Flambeau, Genoa, Wisconsin, and Twin Lakes, Minnesota	16	204,177	390,100	681,000	553,000	487,000	–	–	–	250	374	469	403	505	436	545	470	589
Lake Superior District Power Co.	16	61,791	112,000	120,056	162,640	145,640	–	–	–	–	93	106	97	110	100	114	105	119
Combined Report - Minnesota Power & Light Co.; Superior Water, Light and Power Co.	16	481,519	847,044	873,190	1,000,692	873,636	–	13	408	–	840	885	993	1,146	1,205	1,316	1,317	1,414
Northern States Power Co. (Minnesota) and Subsidiary Company (Interconnected System)	16	1,559,288	3,059,239	5,405,233	4,989,480	4,387,980	–	751	720	100	4,010	3,270	4,183	3,584	4,614	3,897	4,988	4,401
Rochester, Minnesota, City Electric Department	16	36,394	78,000	112,740	123,500	123,500	29	–	–	–	99	82	104	86	109	90	115	95
United Power Associatoin	16, 26, & 27	1,821,067	286,000	242,502	362,000	321,000	–	–	–	–	302	352	338	387	367	424	405	466
Interstate Power Co. (Main Interconnected System)	17	267,141	461,897	598,935	598,700	518,700	–	–	250	–	578	512	616	536	660	571	694	597
Corn Belt Power Cooperative	17	68,126	109,457	97,595	182,409	174,409	–	–	–	–	96	137	101	144	106	151	110	158
Iowa Electric Light & Power Company	17	377,608	704,154	1,147,961	1,064,091	1,064,091	–	–	–	–	899	772	970	834	1,047	902	1,129	972
Iowa Illinois Gas & Electric Company	17	276,358	536,508	906,186	916,594	1,006,594	–	190	–	–	838	646	893	691	952	739	1,015	790
Iowa Power & Light Company	17	320,478	597,103	736,735	1,130,038	1,100,038	–	114	–	–	955	655	1,020	710	1,090	775	1,160	840
Iowa Public Service Company	17	223,780	440,000	751,112	665,833	610,833	583	–	70	–	625	555	681	640	744	728	806	785
Iowa Southern Utilities Company	17	120,886	238,384	294,505	333,345	284,627	–	–	50	50	325	244	351	274	407	296	452	320
Central Illinois Light Co.	40	347,326	674,800	1,215,604	1,158,000	979,000	90	362	–	–	980	764	1,041	843	1,140	960	1,262	1,107
Central Illinois Public Service Co. (Interconnected System)	40	681,771	1,194,000	1,754,456	1,641,000	1,543,000	200	–	600	–	1,500	1,271	1,650	1,340	1,760	1,440	1,870	1,550
Electric Energy, Inc.	40	554,730	743,360	1,100,250	755,000	563,850	–	–	–	–	237	742	237	742	237	742	237	742
Illinois Power Co. (Total System)	40	976,069	1,731,760	2,841,766	2,904,000	2,800,000	600	–	–	460	2,352	1,769	2,535	2,030	2,715	2,170	2,910	2,330
Southern Illinois Power Cooperative	40	50,798	93,000	99,000	122,125	144,675	–	–	–	170	115	115	139	139	152	152	167	167
Springfield, Illinois, City Water, Light and Power Dept.	40	87,326	161,000	379,600	378,000	333,000	–	–	192	–	300	178	321	190	343	203	367	217
TOTAL REGION IV		17,971,125	29,866,339	49,693,623	48,008,703	45,499,999	3,315	1,430	3,852	4,046	40,508	32,339	43,297	34,901	49,338	39,913	52,767	42,801
REGION V - SOUTH CENTRAL																		
Combined Report - Middle South Systems Power Pool: Arkansas-Missouri Power Co.; Arkansas Power & Light Co.; Louisiana Power & Light Co., Mississippi Power & Light Co.: New Orleans Public Service, Inc.	25	3,190,377	5,525,000	11,811,241	10,477,000	9,186,000	1,641	–	942	–	9,507	6,655	10,350	7,245	11,524	8,067	12,636	8,845
Missouri Utilities Co. (Southeast Group-Northern Division)	25	42,601	87,758	32,600	162,759	162,759	–	–	–	–	173	93	193	98	212	105	233	111
Arkansas Electric Cooperative Corp.	25, 29 & 33	212,788	457,255	315,840	760,000	740,000	–	–	–	265	740	601	847	688	969	783	1,103	893
Combined Report - Associated Electric Cooperative, Inc.: Central Electric Power, KAMO Electric, M. & A. Electric Power, N.W. Electric Power, and Northeast Missouri Electric Power Cooperatives, Sho Me Power Corporation	25, 33, 34 & 35	588,687	1,753,264	1,203,844	2,291,078	2,138,078	–	–	600	–	2,209	2,134	2,547	2,471	2,780	2,760	3,064	2,969
U.S. Department of the Interior, Southwestern Power Administration (Blakely Mountain Project)[a]	25	–	–	75,000	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Department of the Interior, Southwestern Power Administration (Narrows Dam Project)[a]	25	–	–	25,500	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Combined Report - U.S. Department of the Interior, Southwestern Power Administration SPA Pool: SPA Interconnected Hydro System, including Beaver, Bull Shoals, Dardanelle, Denison, Eufaula, Fort Gibson, Greers Ferry, Keystone, Norfolk, Ozark, Table Rock, Tenkiller Ferry, and Whitney Projects	25, 33, 34, & 35	13,038	–	1,666,200	216,822	145,122	–	–	–	–	–	–	–	–	–	–	–	–
The Central Kansas Power Co.	29	41,532	70,100	90,720	131,000	128,000	–	–	–	–	130	77	141	83	152	88	164	94
The Kansas Power and Light Co.	29	497,983	918,000	1,597,312	1,716,700	1,716,700	–	–	–	700	1,500	1,081	1,590	1,153	1,685	1,227	1,785	1,309
Western Power Division of Central Telephone & Utilities Corp. (Interconnected System)	29	114,134	200,400	479,092	459,500	426,700	–	–	–	–	369	237	395	251	424	266	454	282
Oklahoma Gas and Electric Co. (General Transmission System)	33	1,084,419	1,880,000	3,164,292	3,614,667	3,234,817	567	–	572	572	3,540	2,355	3,895	2,605	4,285	2,885	4,710	3,195
Public Service Co. of Oklahoma (Interconnected System)	33	701,699	1,279,000	2,468,650	2,402,360	2,153,960	473	180	–	–	2,214	1,501	2,390	1,633	2,521	1,776	2,719	1,931
Grand River Dam Authority	33	181,939	337,000	509,850	708,400	652,700	–	–	–	–	490	396	539	435	591	478	650	525
Southwestern Electric Power Co. (Interconnected System)	33	660,286	1,172,000	1,964,752	2,163,000	1,942,950	–	–	528	265	2,120	1,335	2,310	1,330	2,520	1,645	2,520	1,645
Western Farmers Electric Cooperative	33	150,398	266,000	279,900	331,000	331,000	135	–	–	–	354	352	424	420	480	470	546	540
The Empire District Electric Co.	34	168,003	296,700	386,300	438,000	438,000	–	–	–	90	390	321	414	339	438	360	465	383
Kansas Gas and Electric Co.	34	501,951	867,700	1,547,682	1,514,000	1,326,000	–	–	315	–	1,410	970	1,500	1,060	1,620	1,150	1,745	1,260
Kansas City, Kansas, Board of Public Utilities	34	136,663	240,000	577,302	541,000	476,000	–	–	–	235	380	255	410	265	445	280	480	300
Kansas City Power and Light Co.	34	603,808	1,082,155	2,268,238	2,323,200	2,038,200	–	–	315	–	1,895	1,176	1,983	1,241	2,071	1,309	2,189	1,380
Missouri Public Service Co. (Warrensburg System)	34	152,181	292,000	620,150	600,000	523,000	106	–	58	54	554	335	593	362	635	391	679	422
Springfield, Missouri City Utilities	34	87,578	177,000	271,000	354,000	325,100	–	194	–	–	340	194	375	214	414	235	456	259
St. Joseph Light & Power Co.	34	83,175	160,500	278,000	272,000	236,600	–	–	25	–	248	190	265	205	288	220	310	235
Cajon Electric Power Co-op.	35	34,361	78,799	230,000	86,916	86,916	–	–	–	–	156	91	179	103	204	117	231	133
Central Louisiana Electric Co. Inc.	35	275,343	487,000	911,277	1,087,758	964,878	446	–	–	–	896	599	979	652	1,105	745	1,208	812
Gulf States Utilities Co. (Gulf States System)	35	1,801,197	2,816,600	5,605,757	5,275,000	4,695,000	1,620	–	480	–	4,096	3,029	4,296	3,241	4,596	3,451	4,896	3,662
U.S. Department of the Interior, Southwestern Power Administration (Sam Rayburn Dam Project)[a]	35	–	–	52,000	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 16 Continued - December 1974

SYSTEM AND POWER SUPPLY AREA		ENERGY 1000 KWH	Peak Load KW	CAPACITY AS OF DEC 31, 1974 (KW)			SCHEDULED ADDITIONS TO INSTALLED CAPACITY (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)			
				INSTALLED	DEPENDABLE	NET ASSURED	75	76	77	78	Summer 1975	Winter 1975/76	Summer 1976	Winter 1976/77	Summer 1977	Winter 1977/78	Summer 1978	Winter 1978/79
REGION V - SOUTH CENTRAL (Continued)																		
Sabine River Authority	35	–	–	81,000	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lubbock, Texas, Municipal Power & Light	36	44,936	81,600	195,650	172,000	124,000	–	–	–	50	115	93	124	100	132	108	138	118
Southwestern Public Service Co. (Interconnected System)	36	783,707	1,292,000	2,092,511	2,124,020	1,868,020	–	360	–	360	1,854	1,423	2,021	1,536	2,146	1,656	2,279	1,762
Combined Report - Brazos Electric Power Cooperative, Inc.; Brazos River Authority	37	124,219	250,600	308,500	367,450	367,450	–	–	–	–	397	298	449	337	508	381	574	430
Electric Reliability Council of Texas (ERCOT) Austin Water, Light & Power Department; Central Power & Light Company; Dallas Power & Light Company; Houston Lighting & Power Company; Lower Colorado River Authority; San Antonio City Public Service Board; Texas Electric Service Company; Texas Power & Light Company and West Texas Utilities Company	37 & 38	8,220,586	13,967,800	31,445,606	29,946,190	26,520,190	2,514	1,572	3,909	1,527	24,239	16,262	26,417	17,801	28,766	19,509	31,056	21,078
West Texas Utilities Co. (Interstate System)	37	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Department of the Interior, Southwestern Power Administration (Whitney Dam Project)[a]	37	–	–	30,000	–	–	–	–	–	–	–	–	–	–	–	–	–	–
U.S. Bureau of Reclamation and International Boundary and Water Commission (Falcon Dam Project)[a]	38	–	–	31,500	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Combined Report - U.S. Bureau of Reclamation (Rio Grande Project); El Paso Electric Co.; Community Public Service Co. (Silver City, Alamogordo and Hollywood, N.M.); Plains Electric Generation & Transmission Cooperative; Public Service Co. of New Mexico (Albuquerque-Santa Fe-Las Vegas and Deming Division-Integrated System); Town of Gallup, N.M.; City of Truth of Consequences, N.M.	39	667,656	1,212,195	1,479,181	1,418,000	1,253,000	290	326	–	466	1,531	1,353	1,621	1,485	1,753	1,567	1,845	1,870
TOTAL REGION V		21,165,245	37,248,426	74,096,447	71,953,820	64,201,140	7,792	2,632	7,744	4,584	61,847	43,406	67,247	47,353	73,264	52,029	79,135	56,443
REGION VI - WEST CENTRAL																		
Black Hills Power & Light Co. (Interconnected System)	26 & 27	70,361	126,890	128,026	139,965	129,865	–	–	–	–	129	136	136	144	144	151	152	161
Minnkota Power Cooperative, Inc.	26 & 27	123,140	254,057	299,555	283,031	283,031	–	–	439	–	188	290	203	312	224	344	247	380
Montana-Dakota Utilities Co. (Interconnected System)	26 & 27	167,705	321,900	219,067	383,800	352,800	88	–	–	–	307	384	320	405	334	427	349	451
Northern States Power Co. (Minnesota) (Fargo-Grand Forks System)	26 & 27	68,496	133,857	2,760	158,700	138,000	–	–	–	–	139	172	145	189	160	205	173	232
Northern States Power Co. (Minnesota) Minot System)	26 & 27	15,492	32,000	1,520	41,400	36,000	–	–	–	–	37	35	38	39	42	42	46	48
Northwestern Public Service Co.	26 & 27	66,904	133,330	79,268	177,560	155,560	355	–	–	–	194	153	207	163	220	175	234	186
Otter Tail Power Co.	26 & 27	206,366	342,000	236,190	421,070	371,570	–	24	–	–	286	355	315	377	324	396	336	418
U.S. Bureau of Reclamation (Missouri River Basin-Eastern Division Integrated System)		413,315	828,371	2,298,035	1,231,777	1,011,777	–	–	–	–	849	984	916	1,049	988	1,059	988	1,059
Basin Electric Cooperative[a]	26 & 27	–	–	274,500	–	–	460	–	60	–	–	–	–	–	–	–	–	–
Combined Report - Nebraska Public Power District; Nebraska Public Power District (Eastern System); Central Nebraska Public Power and Irrigation District; Loup River Public Power District City of Lincoln Electric System	28	503,885	963,779	1,620,222	1,857,582	1,682,154	–	–	–	650	1,736	1,183	1,878	1,273	2,019	1,364	2,171	1,465
Omaha Public District	28	389,249	680,500	1,470,000	1,482,000	1,315,000	–	–	–	–	1,186	720	1,260	760	1,346	801	1,435	843
Combined Report - Interconnected Power System Pool, Areas No. 31 and 32: U.S. Bureau of Reclamation's Western Division Area of Regions VI and VII; Pacific Power & Light Co. (Wyoming, Division); Cheyenne Light, Fuel and Power Co.; Nebraska Public Power District (Western Div.); and other utilities and municipalities within the geographic area.	31 & 32	564,473	965,781	1,796,737	1,358,596	1,321,096	508	–	508	–	1,246	1,090	1,379	1,206	1,501	1,309	1,635	1,422
Colorado Spring, Colorado, Dept. of Public Utilities	32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Colorado-Ute Electric Association, Inc.	32	111,247	208,808	199,911	307,591	271,591	–	50	–	–	231	290	264	335	308	394	383	482
Public Service Co. of Colorado (Central System)	32	1,237,967	2,134,800	2,989,725	2,965,600	2,708,400	330	350	–	–	2,465	2,582	2,707	2,714	2,962	2,954	3,203	3,089
The Western Colorado Power Co.	32	28,819	57,181	30,032	76,500	76,500	–	–	–	–	45	55	–	–	–	–	–	–
Southern Colorado Power Division, Central Telephone & Utilities Corp.	32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL REGION VI		3,967,419	7,183,254	11,645,548	10,885,172	9,853,344	1,741	424	1,007	650	9,038	8,429	9,768	8,966	10,572	9,621	11,352	10,236
REGION VII - NORTHWEST																		
The Montana Power Co.	30	488,415	834,000	714,490	998,800	915,800	165	165	–	–	841	1,029	914	1,068	956	1,141	1,059	1,233
Pacific Power & Light Co. (Kalispell System)	30	29,023	55,390	4,150	60,000	59,600	–	–	–	–	77	101	83	108	86	116	93	127
U.S. Bureau of Reclamation (Missouri River Basin-Upper Missouri Projects-Canyon Ferry Unit)	30	268	911	50,000	1,000	0	–	–	–	–	1	1	1	1	1	1	1	1
U.S. Department of the Interior, Bonneville Power Administration (Bureau of Reclamation-Boise, Minidoka and Palisades Projects)	41	44,055	83,800	168,650	131,000	131,000	–	20	–	–	115	58	121	61	128	64	135	68
California-Pacific Utilities Co. (Baker-La Grande System)	41	26,709	51,576	800	165,900	165,900	–	–	–	–	44	55	44	56	45	57	46	58

Table 16 Continued - December 1974

SYSTEM AND POWER SUPPLY AREA		ENERGY 1000 KWH	Peak Load KW	CAPACITY AS OF DEC 31, 1974 (KW)			SCHEDULED ADDITIONS TO INSTALLED CAPACITY (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)			
				INSTALLED	DEPEND-ABLE	NET ASSURED	75	76	77	78	Summer 1975	Winter 1975/76	Summer 1976	Winter 1976/77	Summer 1977	Winter 1977/78	Summer 1978	Winter 1978/79
REGION VII - NORTHWEST (Continued)																		
Idaho Falls, Idaho, Electric Division	41	32,980	58,320	9,900	65,000	65,000	–	–	–	–	47	69	50	73	52	76	55	80
Idaho Power Co. (Main System)	41	648,208	1,111,000	1,340,145	1,988,000	1,988,000	–	–	–	–	1,638	1,267	1,823	1,359	1,870	1,471	2,023	1,590
Utah Power & Light Co.	41	820,337	1,432,000	1,842,872	1,998,875	1,998,875	–	–	400	400	1,805	1,636	1,951	1,766	2,113	1,911	2,203	1,984
Public Utility District No. 1 of Douglas County	42	–	–	774,300	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Public Utility District No. 2 of Grant County	42	92,481	155,500	1,619,750	188,700	186,200	–	–	–	–	210	227	254	235	275	248	296	253
Public Utility District No. 1 of Pend Oreille County	42	11,932	22,450	60,560	22,400	22,400	–	–	–	–	16	26	17	27	18	28	19	30
The Washington Water Power Co.	42	608,585	1,062,000	654,730	1,194,300	1,121,300	–	–	–	–	827	1,245	869	1,319	908	1,384	948	1,446
Washington Public Power Supply System	42, 43, 44 & 45	1,662	–	886,125	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pacific Power & Light Co. (Oregon-Washington-California System)	44 & 45	1,334,950	2,339,416	2,423,743	3,604,313	3,113,713	28	–	–	–	2,352	3,052	2,489	3,225	2,637	3,409	2,781	3,595
Portland General Electric Co.	44	1,134,682	2,064,000	1,365,350	2,998,000	2,903,000	763	–	170	–	1,646	2,509	1,774	2,685	1,874	2,854	2,006	3,130
Public Utility District No. 1 of Cowlitz County	44	219,787	376,250	–	373,155	373,155	–	–	–	–	325	489	427	536	468	595	520	643
Public Utility District No. 1 of Grays Harbor County	44	102,836	185,270	0	185,270	185,270	–	–	–	–	141	244	147	258	153	272	160	287
U.S. Department of the Interior-Bonneville Power Administration	42, 43, 44, 30, 41 & 45	4,519,984	6,909,000	10,847,250	5,060,000	5,060,000	1,762	1,476	1,780	1,985	6,915	8,767	7,355	9,220	7,688	9,773	8,150	10,386
Public Utility District No. 1 of Chelan County	43	199,599	304,442	1,475,650	292,908	287,908	–	–	–	51	226	305	233	316	239	328	246	341
Puget Sound Power & Light Co.	43	1,110,660	2,032,183	483,340	2,828,021	2,734,021	–	–	–	–	1,571	2,513	1,662	2,659	1,758	2,837	1,875	2,992
Seattle, Washington, Dept. of Lighting	43	688,096	1,266,493	1,244,556	1,343,720	1,313,720	–	–	–	–	1,100	1,587	1,138	1,639	1,175	1,689	1,211	1,746
Tacoma, Washington, Dept. of Public Utilities, Light Division	43	402,831	723,000	718,000	1,062,700	940,700	–	–	–	–	567	855	592	898	618	943	644	989
Eugene, Oregon, Water & Electric Board	45	178,852	332,534	136,500	424,947	424,947	–	–	–	–	256	453	270	478	286	505	301	532
TOTAL REGION VII		12,696,932	21,399,535	26,820,861	24,987,009	23,990,509	2,718	1,661	2,350	2,436	20,720	26,488	22,211	27,987	23,348	29,702	24,772	31,511
REGION VIII - SOUTHWEST																		
California Dept. of Water Resources[a]	46	339,753	143,121	1,243,350	132,300	132,300	–	–	–	–	259	259	424	424	424	424	424	424
Combined Report - Oakdale Irrigation District & South San Joaquin Irrigation District[a]	46	40	–	81,000	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Merced Irrigation District[a]	46	53	–	89,100	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nevada Irrigation District[a]	46	95	–	67,500	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Oroville-Wyandotte Irrigation District[a]	46	120	–	90,900	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Placer County Water Agency[a]	46	127	–	210,800	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Yuba Water Agency[a]	46	1,080	–	331,150	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Combined Report - Turlock Irrigation District; Modesto Irrigation District	46	130,402	255,180	140,415	536,515	536,515	–	–	–	–	458	272	486	290	516	309	548	329
Combined Report - Pacific Gas and Electric Co.; and loads of City of San Francisco, Central Valley Project, and State of California Water Project supplied through Company's System	46	4,886,035	9,229,900	10,488,227	13,004,000	12,295,762	264	1,236	1,431	240	11,841	11,067	12,578	11,738	13,341	12,472	14,173	13,211
Sacramento, California, Municipal Utility District	46	403,098	757,990	596,600	1,422,923	1,422,923	928	–	–	–	1,263	822	1,351	861	1,452	909	1,556	960
Sierra Pacific Power Co.	46	248,193	483,400	556,500	666,400	608,400	–	–	–	–	470	560	545	650	596	710	663	790
U.S. Bureau of Reclamation (Central Valley Project)	46	18,482	98,289	1,136,544	266,000	266,000	–	–	–	–	300	190	303	192	306	194	309	196
Burbank, California, Public Service Dept.	47	58,731	118,000	260,440	298,625	278,625	6	–	–	–	180	127	188	131	197	138	205	143
Glendale, California, Public Service Dept.	47	56,749	114,000	201,000	216,000	193,500	–	–	60	–	181	133	194	139	208	145	225	151
Imperial Irrigation District	47	84,642	164,200	366,206	386,300	306,300	–	–	–	–	310	175	320	180	330	190	340	200
Los Angeles, California, Dept. of Water and Power	47	1,420,616	2,689,000	4,679,345	5,274,000	4,749,000	170	382	213	–	3,670	3,011	3,860	3,156	4,050	3,265	4,250	3,375
Pasadena, California, Municipal Light and Power Dept.	47	62,524	122,000	236,250	261,000	220,000	52	21	–	–	201	146	208	150	215	154	223	158
San Diego Gas & Electric Co.	47	766,915	1,485,000	2,113,497	2,238,000	1,950,000	32	–	292	–	1,509	1,609	1,604	1,713	1,755	1,873	1,922	2,049
Southern California Edison Co.	47	4,609,677	8,264,000	12,643,740	13,153,300	12,385,300	–	572	236	261	10,540	9,380	11,050	9,940	11,580	10,540	12,150	11,180
Arizona Electric Power Cooperative, Inc.	48	58,315	117,423	105,000	167,901	167,901	63	–	–	–	210	172	249	205	395	343	449	388
Arizona Public Service Co. (All systems interconnected by U.S. Bureau of Reclamation facilities)	48	697,581	1,167,500	3,504,638	2,462,192	2,300,870	105	351	250	600	2,166	1,315	2,368	1,449	2,570	1,573	2,809	1,715
The Metropolitan Water District of Southern California	48	165,210	219,900	307,500	300,500	300,500	–	–	–	–	260	189	225	154	225	154	225	154
Nevada Power Company	48	400,019	712,000	670,273	1,078,270	1,061,770	85	224	–	–	1,025	820	1,087	869	1,152	921	1,221	976
Salt River Project Agricultural Improvement and Power District	48	609,727	1,081,000	2,248,223	2,189,375	2,013,375	357	373	–	110	1,922	1,241	2,070	1,361	2,259	1,461	2,427	1,568
Tucson Gas & Electric Co.	48	309,802	535,400	863,536	1,133,700	1,071,570	60	60	185	250	835	544	913	586	1,010	635	1,134	695
U.S. Bureau of Reclamation (Colorado River Storage Project)	48, 31, 32 & 41	51,921	108,424	1,261,500	257,617	132,617	–	–	28	–	135	105	140	110	145	115	145	120
Combined Report - U.S. Bureau of Reclamation (Colorado River System - Lower Basin): Parker-Davis Project; Boulder Canyon Project (Transmission only); Senator Wash Pumping-Generating Plant, Yuma Projects	48	186,986	385,000	352,200	590,079	565,079	–	–	–	–	454	304	463	310	472	316	481	322
TOTAL REGION VIII		15,566,893	28,250,727	44,845,434	46,034,997	42,958,307	2,122	3,219	2,695	1,461	38,189	32,441	40,626	34,608	43,198	36,841	45,879	39,104
CONTIGUOUS UNITED STATES TOTAL		159,852,503	288,363,003	464,393,149	454,383,303	418,103,658	44,210	25,749	32,583	25,198	371,585	333,990	400,103	359,482	431,745	388,069	462,026	414,590
ALASKA																		
Alaska Electric Light & Power Co.	49	7,932	16,870	27,372	68,522	64,772	–	–	–	–	7	8	7	9	8	9	19	11
Anchorage Municipal Light & Power Plant	49	48,588	86,920	78,908	89,908	58,143	40	–	30	55	59	78	66	87	74	98	82	110
Chugach Electric Association, Inc.	49	77,876	148,900	188,625	235,700	168,000	63	–	–	–	107	201	118	215	128	232	139	255
Fairbanks Municipal Utilities System	49	11,245	21,800	43,750	43,750	43,750	–	–	–	–	17	24	18	26	20	28	21	31
Golden Valley Electric Association	49	32,947	64,490	83,996	86,950	71,300	–	70	70	–	29	75	31	87	34	98	36	108
Ketchikan Public Utilities	49	6,773	13,400	18,573	12,573	12,573	6	–	–	–	12	14	12	15	13	16	14	16
U.S. Bureau of Reclamation (Eklutna Project)	49	4,673	12,000	30,000	10,000	10,000	–	–	–	–	10	10	10	10	10	10	10	10
TOTAL ALASKA		190,034	364,380	471,224	547,403	428,538	109	70	100	55	241	410	262	449	287	491	321	541

Table 16 Continued - December 1974

SYSTEM AND POWER SUPPLY AREA		ENERGY 1000 KWH	Peak Load KW	CAPACITY AS OF DEC 31, 1974 (KW)			SCHEDULED ADDITIONS TO INSTALLED CAPACITY (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)				UTILITY ESTIMATES OF PEAK LOADS (Megawatts)			
				INSTALLED	DEPEND-ABLE	NET ASSURED	75	76	77	78	Summer 1975	Winter 1975/76	Summer 1976	Winter 1976/77	Summer 1977	Winter 1977/78	Summer 1978	Winter 1978/79
HAWAII																		
Hawaiian Electric Company, Inc.	50	400,311	817,900	1,140,180	1,163,140	1,028,840	–	–	–	–	875	897	921	946	970	996	1,021	1,048
Hilo Electric Light Company, Ltd.	50	31,857	68,500	103,525	127,255	61,300	–	–	–	–	68	74	72	78	75	82	79	86
Maui Electric Company, Ltd.	50	23,525	54,200	52,700	60,570	59,070	11	–	6	6	55	61	60	66	66	72	72	79
TOTAL HAWAII		455,693	940,600	1,296,405	1,350,965	1,149,210	11	–	6	6	998	1,032	1,053	1,090	1,111	1,150	1,172	1,212
UNITED STATES TOTAL		160,498,230	289,667,983	466,160,778	456,281,671	419,681,406	45,330	25,819	32,689	25,259	372,824	335,432	401,418	361,021	433,143	389,710	463,519	416,343

FOOTNOTES:

* Generates for resale.

a Power developed by these projects largely disposed of by other systems in the same area.

1 Included in U.S. Department of the Interior, Southeastern Power Administration (Jim Woodruff Project)

2 Member of Wisconsin Pool included in Wisconsin Power & Light Co.

3 Included in Electric Reliability Council of Texas (ERCOT)

4 Included in Public Service Co. of Colorado (Central System)

Chart 3

ELECTRIC UTILITY GENERATING CAPACITY PEAK LOADS AND ENERGY SUPPLIED 1969 - 1975

Based on Reports by Mayor Systems of the United States

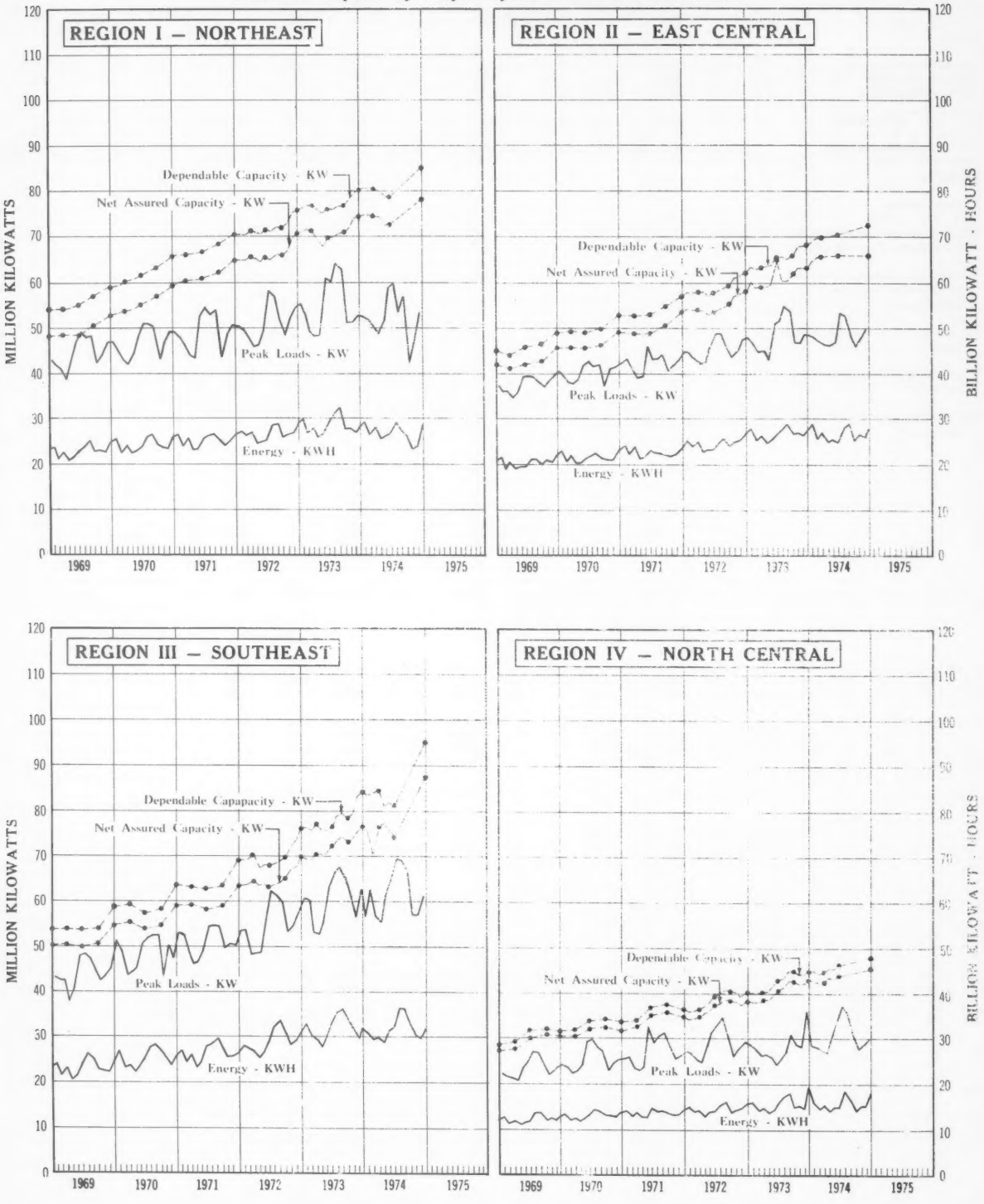
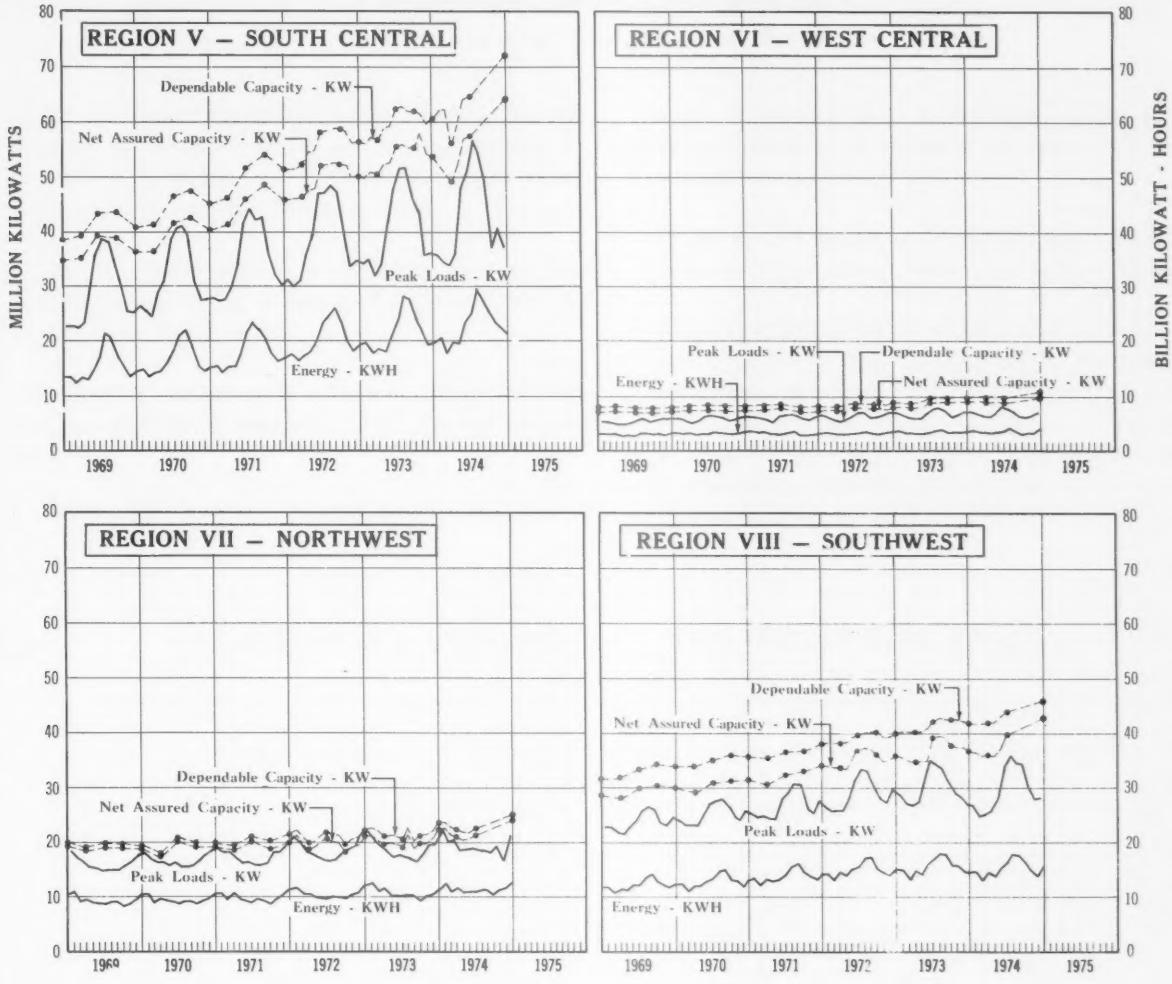


Chart 3 - continued



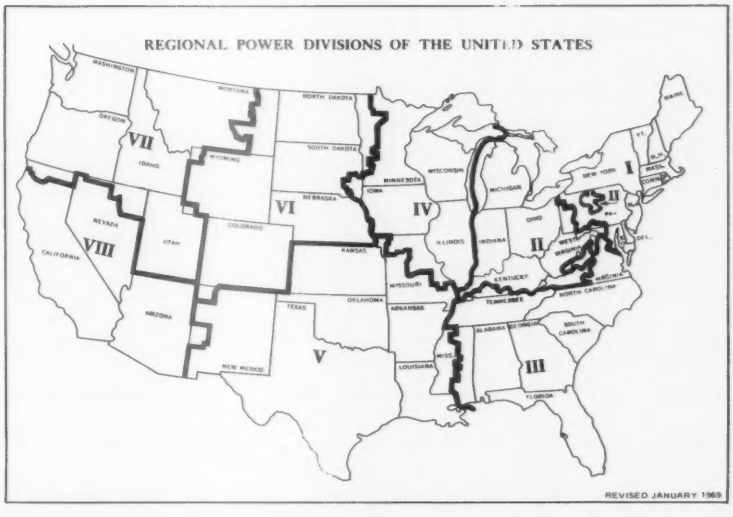
NOTES:

Dependable capacity, which includes net firm power purchases, is based on adverse hydro conditions.

Net assured capacity is dependable capacity less reported required reserves.

Dependable capacity and net assured capacity are no longer provided by FPC Form 12E-1. The line plotted between June and December 1974 merely connect sets of points to provide continuity of plotting.

For further information refer to data in accompanying report.



SALES OF ELECTRIC ENERGY
By States and Geographic Divisions

SALES OF ELECTRIC ENERGY TO ULTIMATE CONSUMERS by electric utilities in the United States in December 1974 totaled 140,977,504,000 kilowatt-hours, an increase of 2.8 percent over December 1973.

SALES TO RESIDENTIAL CONSUMERS were 50,368,273,000 kilowatt-hours, a gain of 8.6 percent over the corresponding month of 1973.

COMMERCIAL SALES were 6.5 percent higher than the same month of 1973. Sales were 31,757,240,000 kilowatt-hours.

SALES TO INDUSTRIAL CONSUMERS totaled 53,878,107,000 kilowatt-hours, indicating a decrease of 3.9 percent compared with December 1973.

OTHER SALES totaled 4,973,884,000 kilowatt-hours, or 2.8 percent higher than the same month in the previous year.

TOTAL SALES for the 12 months ended December 1974 were 1,708,068,963,000 kilowatt-hours, a 0.3 percent decrease from the preceding year. Percent changes in sales for the 12-month period showed a gain of 0.3 percent for industrial and losses of 0.1, 1.2 and 2.1 percent, respectively, for residential, commercial, and other sales.

Chart 4 RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL SALES

United States

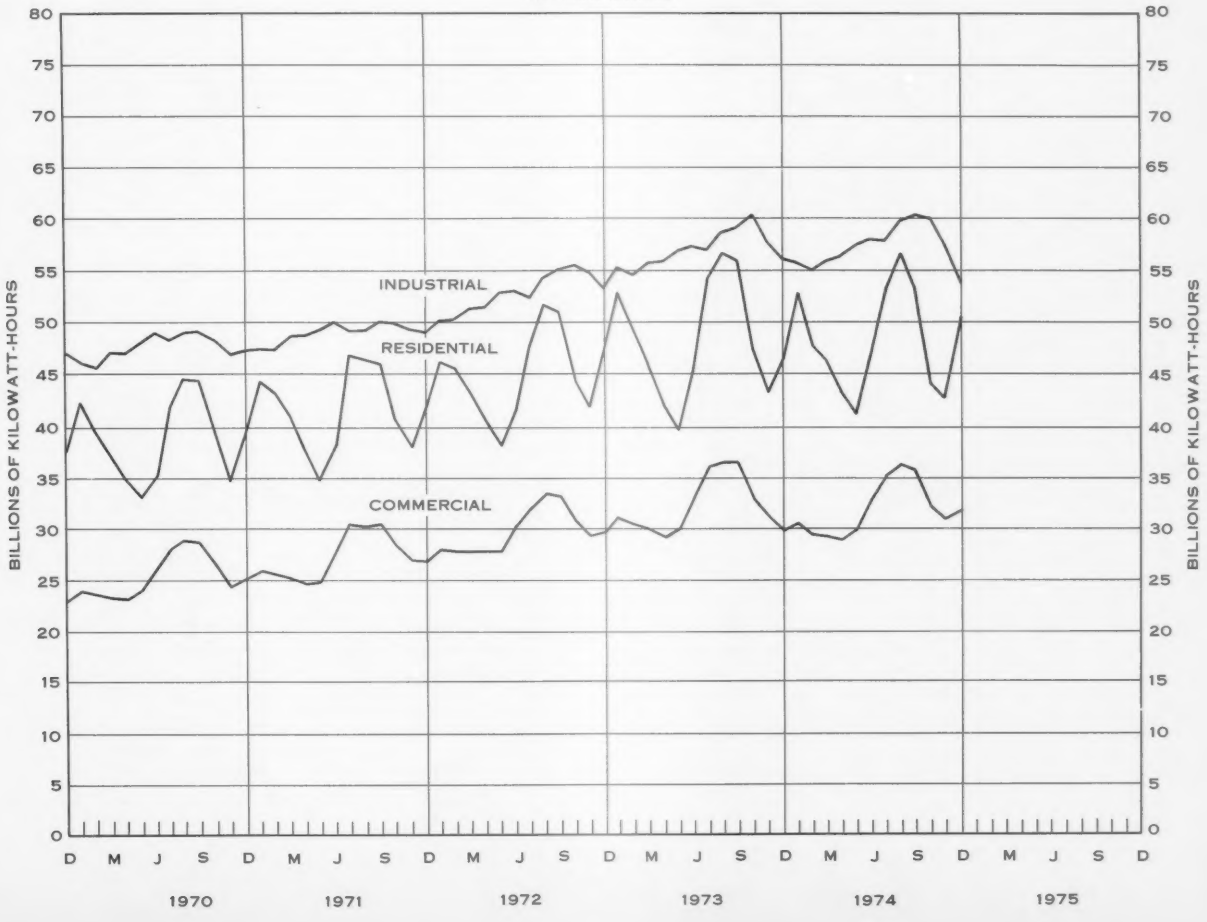


Table 17

SALES OF ELECTRIC ENERGY TO ULTIMATE CONSUMERS

12 - MONTH PERIODS ENDED — (thousand kwh)

GEOGRAPHIC DIVISION CLASS OF SERVICE	1974	1973	PERCENT CHANGE
UNITED STATES			
Residential	578,500,500	579,231,374	-0.1
Commercial	383,432,568	388,265,868	-1.2
Industrial	688,050,898	686,085,180	0.3
Other	58,084,997	59,326,359	-2.1
TOTAL	1,708,068,963	1,712,908,781	-0.3
NEW ENGLAND			
Residential	26,723,165	26,921,513	-0.7
Commercial	19,068,387	19,687,997	-3.1
Industrial	20,153,603	21,005,856	-4.1
Other	1,429,165	1,515,532	-5.7
TOTAL	67,374,320	69,130,898	-2.5
MIDDLE ATLANTIC			
Residential	69,821,614	71,766,433	-2.7
Commercial	56,841,649	59,425,080	-4.3
Industrial	91,954,592	92,817,617	-0.9
Other	11,384,103	11,524,802	-1.2
TOTAL	230,001,958	235,533,932	-2.3
EAST NORTH CENTRAL			
Residential	103,289,247	102,451,532	0.8
Commercial	67,718,452	68,356,287	-0.9
Industrial	153,939,045	157,609,282	-2.3
Other	11,846,346	11,844,567	---
TOTAL	336,793,090	340,261,668	-1.0
WEST NORTH CENTRAL			
Residential	44,440,564	43,961,587	1.1
Commercial	22,805,243	22,870,787	-0.3
Industrial	38,336,919	37,880,308	1.2
Other	3,592,602	3,562,264	0.9
TOTAL	109,175,328	108,274,946	0.8
SOUTH ATLANTIC			
Residential	108,590,806	109,619,013	-0.9
Commercial	70,250,696	70,039,280	0.3
Industrial	94,334,114	95,125,860	-0.8
Other	9,231,405	10,109,750	-8.7
TOTAL	282,407,021	284,893,903	-0.9

GEOGRAPHIC DIVISION CLASS OF SERVICE	1974	1973	PERCENT CHANGE
EAST SOUTH CENTRAL			
Residential	51,688,129	52,468,687	-1.5
Commercial	19,339,491	19,326,312	0.1
Industrial	89,108,520	88,542,584	0.6
Other	4,016,246	3,954,742	1.6
TOTAL	164,152,386	164,292,325	-0.1
WEST SOUTH CENTRAL			
Residential	71,910,383	70,730,883	1.7
Commercial	44,537,067	43,463,721	2.5
Industrial	81,550,700	78,486,273	3.9
Other	6,819,291	6,878,601	-0.9
TOTAL	204,817,441	199,559,478	2.6
MOUNTAIN			
Residential	25,879,564	24,582,218	5.3
Commercial	22,973,251	21,915,042	4.8
Industrial	31,174,121	28,815,513	8.2
Other	3,491,252	3,358,309	4.0
TOTAL	83,518,188	78,671,082	6.2
PACIFIC: Contiguous States			
Residential	73,745,560	74,443,934	-0.9
Commercial	58,277,450	61,636,576	-5.4
Industrial	84,935,537	83,401,856	1.8
Other	6,103,479	6,412,724	-4.8
TOTAL	223,062,026	225,895,090	-1.3
PACIFIC: Noncontiguous States			
Residential	2,411,468	2,285,574	5.5
Commercial	1,620,882	1,544,786	4.9
Industrial	2,563,747	2,400,031	6.8
Other	171,108	165,068	3.7
TOTAL	6,767,205	6,395,459	5.8

GEOGRAPHIC DIVISIONS

Table 18

SALES OF ELECTRIC ENERGY TO ULTIMATE CONSUMERS

DECEMBER 1974 (thousand kwh)

DIVISION AND STATE	CLASS OF SERVICE								TOTAL	
	RESIDENTIAL		COMMERCIAL		INDUSTRIAL		OTHER			
	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973
NEW ENGLAND										
Maine	238,040	204,734	96,662	84,230	226,235	216,926	19,374	18,265	580,311	524,155
New Hampshire	213,164	192,068	71,964	63,770	148,031	143,915	7,866	8,395	441,025	408,148
Vermont	148,431	144,126	53,918	49,222	85,887	84,975	22,897	21,076	311,133	299,399
Massachusetts	1,039,286	993,317	848,286	768,325	606,073	624,776	54,005	53,995	2,547,650	2,440,413
Rhode Island	144,782	141,647	120,059	115,622	106,748	116,522	10,652	13,170	382,241	386,761
Connecticut	717,400	664,592	501,878	470,504	423,696	431,702	24,393	24,080	1,667,367	1,590,878
SUBTOTAL	2,501,103	2,340,484	1,692,767	1,551,473	1,596,670	1,618,816	139,187	138,981	5,929,727	5,649,754
MIDDLE ATLANTIC										
New York	2,482,558	2,389,507	2,474,641	2,388,386	2,398,170	2,422,499	865,224	781,872	8,220,593	7,982,264
New Jersey	1,241,504	1,151,416	1,116,995	1,007,925	1,257,780	1,303,889	48,308	46,013	3,664,587	3,509,243
Pennsylvania	2,534,229	2,350,449	1,299,238	1,177,496	3,610,554	3,685,312	161,220	159,759	7,605,241	7,373,016
SUBTOTAL	6,258,291	5,891,372	4,890,874	4,573,807	7,266,504	7,411,700	1,074,752	987,644	19,490,421	18,864,523
EAST NORTH CENTRAL										
Ohio	2,733,179	2,501,547	1,574,937	1,430,968	4,583,806	4,783,955	279,813	264,758	9,171,735	8,981,228
Indiana	1,590,070	1,358,202	729,630	633,963	1,765,989	1,846,236	22,241	20,589	4,107,930	3,858,990
Illinois	2,345,527	2,170,402	1,831,609	1,689,537	2,597,641	2,693,499	501,021	473,819	7,275,798	7,027,257
Michigan	1,888,182	1,767,070	1,104,385	1,080,940	2,227,233	2,495,009	144,377	186,565	5,364,177	5,529,584
Wisconsin	1,029,736	991,437	629,930	612,491	819,933	803,337	63,532	59,509	2,543,131	2,466,774
SUBTOTAL	9,586,694	8,788,658	5,870,491	5,447,899	11,994,602	12,622,036	1,010,984	1,005,240	28,462,771	27,863,833
WEST NORTH CENTRAL										
Minnesota	855,730	811,497	309,004	279,317	901,517	885,218	35,207	40,643	2,101,458	2,016,675
Iowa	673,163	616,049	360,726	326,486	589,889	564,322	50,317	47,282	1,674,095	1,554,139
Missouri	979,650	848,466	510,294	474,130	906,747	863,452	108,060	102,687	2,504,751	2,288,735
North Dakota	158,112	146,506	57,921	55,130	91,888	107,513	14,433	12,103	322,354	321,252
South Dakota	162,434	150,707	82,133	76,008	29,124	26,175	10,793	10,732	284,484	263,622
Nebraska	357,440	329,225	255,578	237,966	213,435	192,244	61,467	57,301	887,920	816,736
Kansas	544,225	482,332	363,644	333,960	441,219	437,450	27,247	28,132	1,376,335	1,281,874
SUBTOTAL	3,730,754	3,384,782	1,939,300	1,782,997	3,173,819	3,076,374	307,524	298,880	9,151,397	8,543,033
SOUTH ATLANTIC										
Delaware	121,455	107,125	91,276	85,482	220,919	222,016	5,680	5,484	439,330	420,107
Maryland & D.C.	872,600	783,667	733,365	686,559	970,242	982,038	53,267	52,302	2,629,474	2,504,566
Virginia	1,348,804	1,179,502	800,388	704,870	676,318	700,778	348,975	302,350	3,174,485	2,887,500
West Virginia	461,515	381,732	246,462	223,138	826,696	890,103	8,853	8,839	1,543,526	1,503,812
North Carolina	1,846,942	1,538,818	967,577	877,050	1,409,757	1,636,027	96,891	94,766	4,321,167	4,146,661
South Carolina	874,440	734,651	424,770	393,048	1,027,879	1,178,272	41,938	40,496	2,369,027	2,346,467
Georgia	1,333,630	1,166,392	855,340	791,810	999,093	1,100,456	47,616	42,683	3,235,679	3,101,341
Florida	2,578,621	2,534,242	1,669,896	1,586,168	935,751	939,791	185,057	184,406	5,369,325	5,244,607
SUBTOTAL	9,438,007	8,426,129	5,789,074	5,348,125	7,066,655	7,649,481	788,277	731,326	23,082,013	22,155,061
EAST SOUTH CENTRAL										
Kentucky	742,296	660,394	276,785	245,370	1,994,517	2,309,916	120,546	110,198	3,134,144	3,325,878
Tennessee	1,907,707	1,569,377	504,951	491,784	2,399,750	2,864,224	91,611	93,394	4,904,019	5,018,779
Alabama	1,238,091	1,076,152	483,951	440,409	1,713,321	1,812,328	77,893	68,208	3,513,456	3,397,097
Mississippi	828,423	744,505	255,310	265,090	474,818	501,002	58,852	55,942	1,617,403	1,566,539
SUBTOTAL	4,716,517	4,050,428	1,520,997	1,442,653	6,582,606	7,487,470	348,902	327,742	13,169,022	13,308,293
WEST SOUTH CENTRAL										
Arkansas	444,393	369,679	235,245	210,472	560,733	597,302	37,949	36,190	1,278,320	1,213,643
Louisiana	707,129	716,216	666,285	656,373	1,320,288	1,293,631	235,240	231,938	2,928,942	2,898,158
Oklahoma	744,807	650,299	392,058	346,396	552,124	560,953	72,716	68,688	1,761,705	1,626,336
Texas	2,854,122	2,641,746	2,141,123	2,052,671	4,257,355	4,194,089	198,540	187,751	9,451,140	9,076,257
SUBTOTAL	4,750,451	4,377,940	3,434,711	3,265,912	6,690,500	6,645,975	544,445	524,567	15,420,107	14,814,394
MOUNTAIN										
Montana	175,550	169,992	102,055	92,810	487,813	468,563	15,859	19,528	781,277	750,893
Idaho	344,035	313,505	142,021	133,863	454,701	464,942	5,859	5,653	946,616	917,963
Wyoming	79,538	71,987	78,876	66,855	232,782	206,684	7,781	7,529	398,977	353,055
Colorado	504,117	489,861	493,813	454,596	289,564	249,553	49,143	54,002	1,336,637	1,248,012
New Mexico	192,290	175,397	201,753	193,435	160,896	163,595	56,204	59,243	611,143	591,670
Arizona	482,238	420,476	407,235	351,703	475,454	438,144	76,389	80,598	1,441,316	1,290,921
Utah	224,472	200,249	165,372	161,477	150,127	148,900	36,927	35,834	576,898	546,460
Nevada	236,129	232,408	187,363	175,504	143,348	159,009	28,575	29,030	595,415	595,951
SUBTOTAL	2,238,369	2,073,875	1,778,488	1,630,243	2,394,685	2,299,390	276,737	291,417	6,688,279	6,294,925
PACIFIC: Contiguous States										
Washington	1,927,317	1,916,410	776,208	722,436	2,406,888	2,423,345	158,463	144,357	5,268,876	5,206,548
Oregon	1,214,864	1,228,883	706,777	635,370	885,371	840,321	18,115	19,377	2,825,130	2,723,951
California	3,761,055	3,696,382	3,204,855	3,287,670	3,595,868	3,789,146	289,345	415,957	10,851,123	11,189,155
SUBTOTAL	6,903,236	6,841,675	4,687,840	4,645,476	6,888,127	7,052,812	465,926	579,691	18,945,129	19,119,654
PACIFIC: Noncontiguous States										
Alaska	97,569	83,376	70,869	60,940	15,359	13,511	10,939	9,936	194,736	167,763
Hawaii	147,282	140,006	81,829	79,042	208,580	192,663	6,211	6,082	443,902	417,793
SUBTOTAL	244,851	223,382	152,698	139,982	223,939	206,174	17,150	16,018	638,638	585,556
UNITED STATES TOTAL	50,368,273	46,398,725	31,757,240	29,828,567	53,878,107	56,070,228	4,973,884	4,901,506	140,977,504	137,199,026

*Revised

SALES, REVENUES AND INCOME

Privately Owned Classes A and B Electric Utilities

ELECTRIC OPERATING REVENUES of the larger privately owned electric utilities in the United States in December 1974 were $3,442,699,000, as compared to $2,495,148,000 for December 1973, an increase of 38.0%. Electric operating expenses consisting of charges for operation, maintenance, depreciation, and taxes, including charges and credits for deferred income taxes, were $2,803,861,000, or 43.0% over those of the same month last year. Net electric operating revenues increased 19.6% to $638,838,000. Total income increased 22.2% to $907,773,000. Interest charges amounted to $415,912,000 for the month, up 28.4% over last year. Net income in the current December was $472,310,000, 12.8% over the $418,768,000 reported for December last year.

REVENUES FROM INDUSTRIAL SERVICE were up 40.9% from those of last year. Revenues from residential service increased 35.0% and those from commercial service 35.8%. Revenues from all sales to ultimate consumers were up 36.4%. Percentage changes in energy sales in the three consumer groups were -3.2%, 8.4%, and 6.8% in industrial, residential, and commercial, respectively. Sales of energy to all ultimate consumers for the month were up 2.9% from last year.

OPERATION AND MAINTENANCE EXPENSES in December 1974 were $2,188,396,000, or 56.5% over those of the same month last year. Of this amount, fuel expenses accounted for $1,243,829,000, up 98.4%, and salaries and wages for $334,630,000 up 15.1%. Other operation and maintenance expenses increased 26.9%. Depreciation and amortization charges increased 11.4% to $281,040,000.

TAXES CHARGED to electric operations during December 1974 amounted to $334,425,000, an increase of 7.8% over the $310,355,000 reported for December 1973.

The increase of 56.5% in operation and maintenance expenses for the month of December may be compared to the rate of increase of 43.6% for the 12-month period ended December 1974. Similarly, the rates of increase in depreciation and in combined tax charges, 11.4% and 7.8%, respectively for December may be compared to increases of 10.9% and 6.6% in the respective items for the 12-month period. Total electric operating revenues were up 38.0% for the month, as compared to an increase of 27.1% for the 12-month period, while net income increased 12.8% for the month, as compared to an increase of 4.2% for the 12-month period.

COMMON DIVIDENDS declared in the 12 months ended December 1974 amounted to $3,024,203,000 or an increase of 5.4% over such declarations in the comparable period ended December 1973.

NET INVESTMENT in electric plant at the end of December 1974 amounted to $115,543,671,000 as compared to $104,612,845,000 one year earlier.

ULTIMATE CONSUMERS receiving service at the end of December 1974 numbered 62,765,000 compared to 61,532,000 at the end of the same month last year, or an increase of 2.0 percent.

Table 19

SALES, REVENUES AND INCOME

Classes A and B Privately Owned Electric Utilities*

ITEM	DECEMBER 1974	DECEMBER 1973	PERCENT CHANGE
NUMBER OF CUSTOMERS			
Residential	55,372,000	54,248,000	2.1
Commercial	6,842,000	6,758,000	1.2
Industrial	325,000	316,000	2.8
Other ultimate consumers	226,000	210,000	7.6
Total ultimate consumers	62,765,000	61,532,000	2.0
Other electric utilities	4,000	4,000	-
Total customers	62,769,000	61,536,000	2.0
SALES OF ELECTRIC ENERGY - Thousands of Kwh			
Residential service	36,464,000	33,649,000	8.4
Commercial service	26,565,000	24,873,000	6.8
Industrial service	43,269,000	44,687,000	(3.2)
Other sales to ultimate customers	4,105,000	4,081,000	0.6
Total sales to ultimate customers	110,403,000	107,290,000	2.9
Sales to other electric utilities for resale	20,162,000	21,322,000	(5.4)
Total sales of electric energy	130,565,000	128,612,000	1.5
ELECTRIC UTILITY OPERATING REVENUES	$	$	
Revenues from sales of electric energy:			
Residential service	1,203,858,000	891,822,000	35.0
Commercial service	875,037,000	644,556,000	35.8
Industrial service	843,396,000	598,628,000	40.9
Other sales to ultimate consumers	112,688,000	89,999,000	25.2
Total revenues from sales to ultimate consumers	3,034,979,000	2,225,005,000	36.4
Sales to other electric utilities for resale	306,664,000	223,618,000	37.1
Total revenues from sales of electric energy	3,341,643,000	2,448,623,000	36.5
Other electric revenues	101,056,000	46,525,000	nm
Total electric operating revenues	3,442,699,000	2,495,148,000	38.0
ELECTRIC OPERATING EXPENSES			
Operation and maintenance			
Fuel	1,243,829,000	627,000,000	98.4
Salaries and wages	334,630,000	290,613,000	15.1
Other	609,937,000	480,771,000	26.9
Total operation and maintenance	2,188,396,000	1,398,384,000	56.5
Depreciation and amortization	281,040,000	252,317,000	11.4
Taxes:			
Taxes other than income taxes	265,000,000	217,686,000	21.7
Income taxes - Federal	(34,536,000)	2,392,000	-
Income taxes - Other	1,109,000	9,010,000	(87.7)
Provisions for deferred income taxes net	81,468,000	66,429,000	22.6
Investment tax credit adjustments	21,384,000	14,838,000	44.1
Total taxes	334,425,000	310,355,000	7.8
Total electric operating expenses	2,803,861,000	1,961,056,000	43.0
NET ELECTRIC OPERATING REVENUES	638,838,000	534,092,000	19.6
Income from electric plant leased to others	282,000	263,000	7.2
Electric utility operating income	639,120,000	534,355,000	19.6
Other utility operating income	77,326,000	48,271,000	60.2
Disposition of utility plant	(63,000)	(100,000)	-
TOTAL UTILITY OPERATING INCOME	716,383,000	582,526,000	23.0
Other income and deductions - net	48,696,000	47,919,000	1.6
Allowance for funds used during construction	142,694,000	112,407,000	26.9
Total income	907,773,000	742,852,000	22.2
INTEREST CHARGES			
Interest on long-term debt	348,022,000	284,832,000	22.2
Amortization of debt discount, premium, and expense	2,097,000	1,664,000	26.0
Amortization of gain or loss on reacquired debt-net	(248,000)	(231,000)	-
Other interest charges	66,041,000	37,715,000	75.1
Total interest charges	415,912,000	323,980,000	28.4
INCOME BEFORE EXTRAORDINARY ITEMS	491,861,000	418,872,000	17.4
Extraordinary items - net	(19,551,000)	(104,000)	-
NET INCOME	472,310,000	418,768,000	12.8
DIVIDENDS DECLARED: YEAR TO DATE			
Preferred stock	$ 939,534,000	$ 790,413,000	20.2
Common stock	3,024,203,000	2,868,770,000	7.5

*Including Alaska and Hawaii.
nm = not meaningful

Table 20

TWELVE - MONTH TOTAL SALES, REVENUES AND INCOME

Classes A and B Privately Owned Electric Utilities*

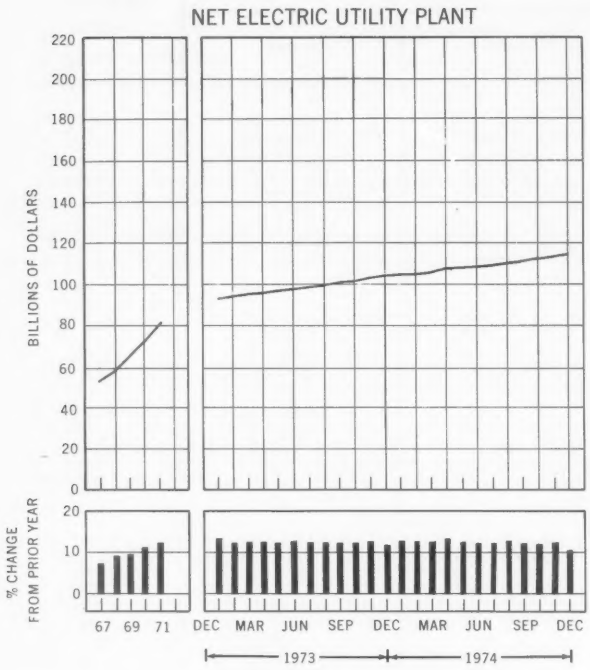
ITEM	TWELVE MONTHS ENDED DECEMBER 1974	TWELVE MONTHS ENDED DECEMBER 1973	PERCENT CHANGE
SALES OF ELECTRIC ENERGY - Thousands of Kwh			
Residential service	415,957,000	416,188,000	(0.1)
Commercial service	320,977,000	323,909,000	(0.9)
Industrial service	544,756,000	550,783,000	(1.1)
Other sales to ultimate customers	48,185,000	49,802,000	(3.2)
Total sales to ultimate customers	1,329,875,000	1,340,682,000	(0.8)
Sales to other electric utilities for resale	231,116,000	237,439,000	(2.7)
Total sales of electric energy	1,560,991,000	1,578,121,000	(1.1)
ELECTRIC UTILITY OPERATING REVENUES	$	$	
Revenues from sales of electric energy:			
Residential service	12,870,979,000	10,565,767,000	21.8
Commercial service	9,776,368,000	7,822,152,000	25.0
Industrial service	9,204,381,000	6,864,855,000	34.1
Other sales to ultimate consumers	1,325,251,000	1,048,226,000	26.4
Total revenues from sales to ultimate consumers	33,176,979,000	26,301,000,000	26.1
Sales to other electric utilities for resale	3,190,937,000	2,374,244,000	34.4
Total revenues from sales of electric energy	36,367,916,000	28,675,244,000	26.8
Other electric revenues	617,882,000	429,250,000	43.9
Total electric operating revenues	36,985,798,000	29,104,494,000	27.1
ELECTRIC OPERATING EXPENSES			
Operation and maintenance			
Fuel	11,908,988,000	6,736,666,000	76.8
Salaries and wages	3,746,324,000	3,457,489,000	8.4
Other	6,070,855,000	4,938,253,000	22.9
Total operation and maintenance	21,726,167,000	15,132,408,000	43.6
Depreciation and amortization	3,330,047,000	3,002,171,000	10.9
Taxes:			
Taxes other than income taxes	3,306,431,000	2,907,970,000	13.7
Income taxes - Federal	530,503,000	850,450,000	(37.6)
Income taxes - Other	94,594,000	113,629,000	(16.8)
Provisions for deferred income taxes net	755,327,000	474,433,000	59.2
Investment tax credit adjustments	158,125,000	197,392,000	(19.9)
Total taxes	4,844,980,000	4,543,874,000	6.6
Total electric operating expenses	29,901,194,000	22,678,453,000	31.8
NET ELECTRIC OPERATING REVENUES	7,084,604,000	6,426,041,000	10.2
Income from electric plant leased to others	3,367,000	3,081,000	9.3
Electric utility operating income	7,087,971,000	6,429,122,000	10.2
Other utility operating income	498,433,000	432,751,000	15.2
Disposition of utility plant	501,000	1,243,000	(59.7)
TOTAL UTILITY OPERATING INCOME	7,586,905,000	6,863,116,000	10.5
Other income and deductions - net	465,744,000	352,238,000	32.2
Allowance for funds used during construction	1,579,392,000	1,237,263,000	27.7
Total income	9,632,041,000	8,452,617,000	14.0
INTEREST CHARGES			
Interest on long-term debt	3,835,888,000	3,203,515,000	19.7
Amortization of debt discount, premium, and expense	18,653,000	18,280,000	2.0
Amortization of gain or loss on reacquired debt-net	336,000	(2,305,000)	-
Other interest charges	639,007,000	301,959,000	nm
Total interest charges	4,493,884,000	3,521,449,000	27.6
INCOME BEFORE EXTRAORDINARY ITEMS	5,138,157,000	4,931,168,000	4.2
Extraordinary items - net	56,909,000	54,598,000	4.2
NET INCOME	5,195,066,000	4,985,766,000	4.2
DIVIDENDS DECLARED: YEAR TO DATE			
Preferred stock	$ 939,534,000	$ 790,413,000	18.9
Common stock	3,024,203,000	2,868,770,000	5.4
ELECTRIC UTILITY PLANT			
Electric utility plant	$ 144,206,948,000	$ 130,839,712,000	10.2
Accumulated provision for depreciation and amortization	28,663,277,000	26,226,867,000	9.3
Net electric utility plant	115,543,671,000	104,612,845,000	10.4

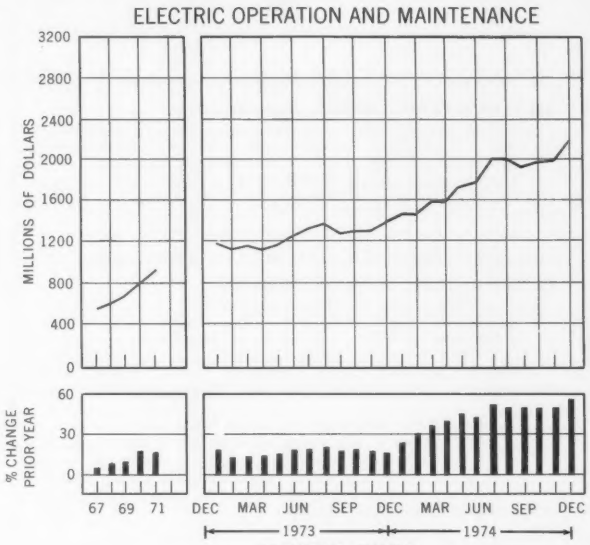
* Including Alaska and Hawaii.
nm = not meaningful

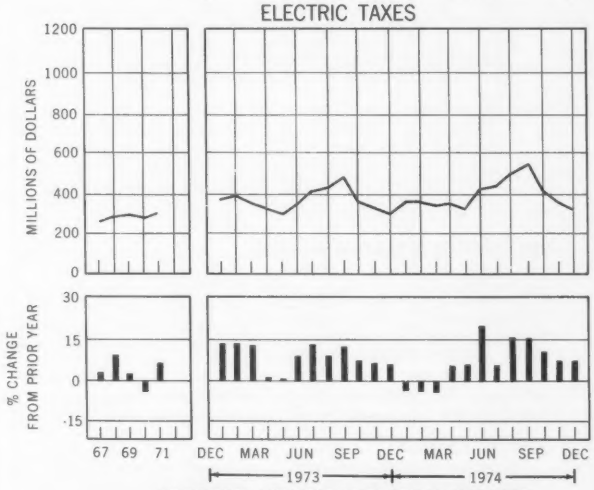
Chart 5

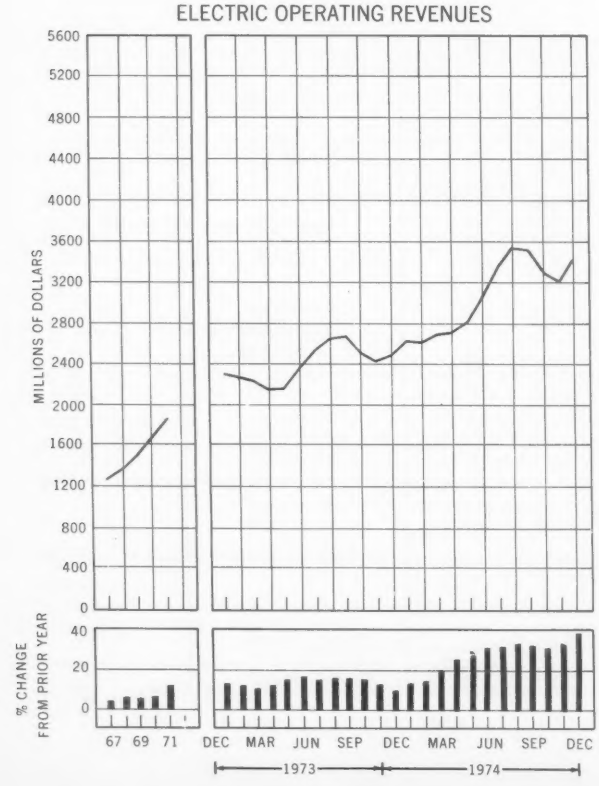
NET ELECTRIC UTILITY PLANT, ELECTRIC OPERATING REVENUES, EXPENSES, TAXES, AND INCOME

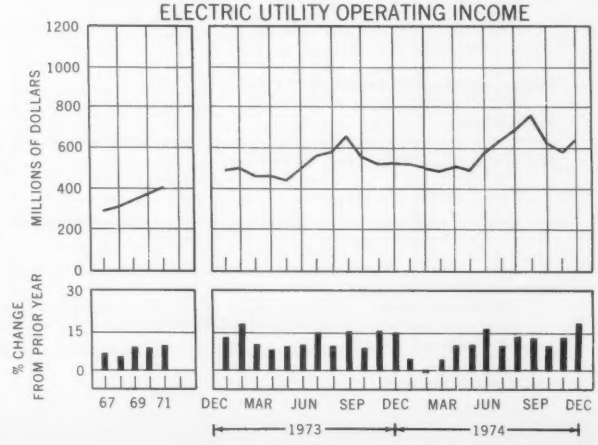
CLASSES A AND B PRIVATELY OWNED ELECTRIC UTILITIES IN THE UNITED STATES











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